

Converting Colors

HunterLab(78.5087, -30.3964,
-18.8375)

Have a look what the booklet for
HunterLab(78.5087, -30.3964,
-18.8375) contains.

HunterLab(78.3722, -30.2811, -18.8079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(78.3722,
-30.2811, -18.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	55DFF7
RGB	85, 223, 247
RGB Percent	33%, 87%, 97%
CMY	0.6666, 0.1255, 0.0314
CMYK	0.66, 0.10, 0.00, 0.03
HSL	189°, 91%, 65%
HSV	189°, 66%, 97%
XYZ	46.9224, 61.4220, 97.3783
YIQ	184.4740, -89.9520, -21.7920

Conversions

Conversions Part 2

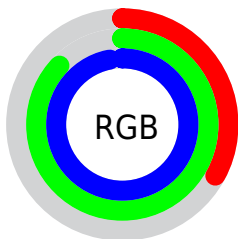
Format	Color
R _Y B	85, 160, 247
Decimal	5627895
CIE Lab	82.61, -29.85, -22.68
CIE LCh	83, 37.491, 217.229
Yxy	61.4243, 0.2281, 0.2986
Android (android.graphics.Color)	4283817975 (0xFF55DFF7)
YUV	184.4740, 30.8253, -87.2387
Hunter-Lab	78.3722, -30.2811, -18.8079

Details

The HunterLab color **78.3722, -30.2811, -18.8079** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **56.0083, 46.8926, 26.2331**, and the grayscale version is **69.3357, -3.6996, 3.7671**.

A 20% lighter version of the original color is **92.3685, -32.9949, -4.3880**, and **56.0348, -24.0846, -18.0468** is the 20% darker color. If you saturate the color by 10%, you get **76.5040, -31.0052, -21.5983**, and if you desaturate by 10%, it is **80.4770, -28.6919, -15.7428**.

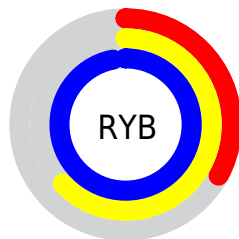
Distribution



Red (33%)

Green (87%)

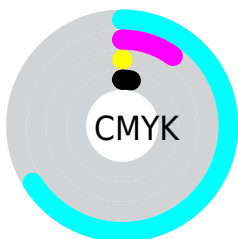
Blue (97%)



Red (33%)

Yellow (63%)

Blue (97%)

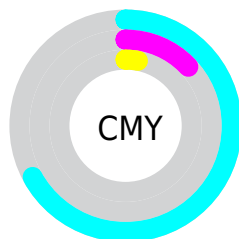


Cyan (66%)

Magenta (10%)

Yellow (0%)

Black (3%)



Cyan (67%)

Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.3722, -30.2811, -18.8079 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 78.3722, -30.2811, -18.8079 by changing the saturation by 10% instead.

78.3722, -30.2811,
-18.8079

78.3722, -30.2811,
-18.8079

207.3229,
-48.4156, -18.7209

66.7590, -28.1022,
-18.5539

103.3891,
-34.4899, -19.1366

55.7826, -25.8549,
-18.2393

116.7364,
-36.5391, -19.2192

45.4840, -23.5191,
-17.8619

130.6133,
-38.5610, -19.2507

35.9112, -21.0654,
-17.4241

145.0003,
-40.5608, -19.2334

27.1239, -18.4495,
-16.9369

159.8798,
-42.5430, -19.1698

19.2000, -15.5993,
-16.4345

175.2362,

12.2463, -12.7185,

-44.5110, -19.0619

-16.0259

191.0549,
-46.4677, -18.9116

■ 5.3715, -9.4002,
-20.9113

0.0000, NaN, -NF

■ 78.3722, -30.2811,
-18.8079

■ 78.3722, -30.2811,
-18.8079

■ 76.5040, -31.0052,
-21.5983

■ 80.4770, -28.6919,
-15.7428

■ 74.8558, -30.8979,
-24.1135

■ 82.8193, -26.2373,
-12.4231

■ 73.4070, -30.0401,
-26.3670

■ 85.4004, -22.9424,
-8.8709

■ 72.8088, -29.5058,
-27.3101

■ 88.2167, -18.8501,
-5.1135

91.2618, -14.0151,
-1.1791

94.5273, -8.4988,
2.9045

97.7193, -3.3464,
6.7646

98.8788, -5.2840,
8.0712

99.7474, -6.7212,
9.0408

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3736, -36.1278, -0.0637



78.3722, -30.2811, -18.8079



78.3736, -17.3456, -33.2984

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3736, -30.2812, -18.8066



78.3736, 30.9688, -9.8268



78.3736, -8.5647, 30.7377

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.3722, -30.2811, -18.8079



56.0083, 46.8926, 26.2331

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3736, 9.9035, 29.2793



78.3722, -30.2811, -18.8079



78.3736, 33.8651, 8.3622

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3736, -30.2812, -18.8066



78.3736, 18.2584, -27.3391



78.3736, 25.8446, 21.9352



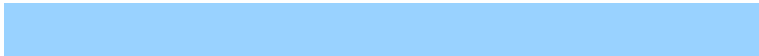
78.3736, -24.3583, 26.5120

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3722, -30.2811, -18.8079



78.3736, -5.8800, -37.0721



78.3736, 25.8446, 21.9352



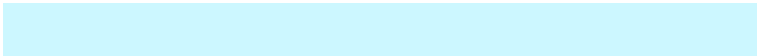
78.3736, -2.4775, 30.8759

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.3736, -30.2812, -18.8066



93.1940, -16.8542, -3.0588



83.3711, -61.0256, 40.4891



42.7071, -8.4426, -1.9448

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3736, -30.2812, -18.8066



78.6937, -32.2049, -23.3533



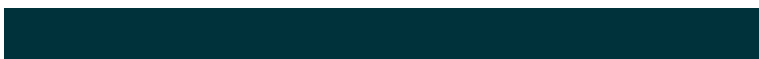
53.5882, 8.0503, -64.1979



42.7959, -4.9236, 0.5953



53.1048, -21.6619, -19.6147



16.0936, -6.8760, -5.2723

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.2145, 76.0370, -37.6636



54.1308, 90.4305, -43.2078



74.9853, 6.5977, 39.5242



40.8945, 3.0825, -0.7810



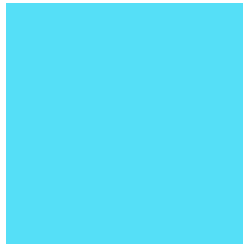
35.9810, 68.5342, -30.3591



10.7196, 20.5028, -9.7019

Previews

White Background



This preview shows how the HunterLab color 78.3722, -30.2811, -18.8079 looks on a white background.

Color Contrast Check

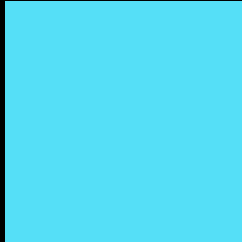
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 78.3722, -30.2811, -18.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

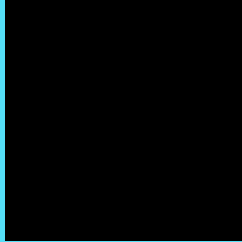
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 78.3722, -30.2811, -18.8079 Background



This preview shows how black text looks on a background with the HunterLab color 78.3722, -30.2811, -18.8079.



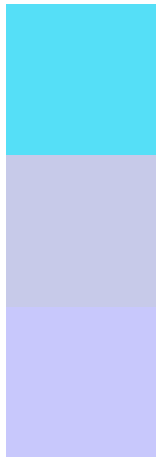
This preview shows how white text looks on a background with the HunterLab color 78.3722,

-30.2811, -18.8079.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.3722, -30.2811, -18.8079

Protanopia

77.6314, 0.6830, -11.0290

Deuteranopia

77.8564, 5.9994, -22.0537



Tritanopia

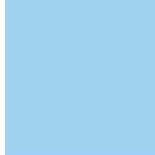
78.4321, -32.1974, -15.7365

Trichromacy



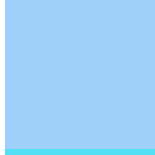
Original Color

78.3722, -30.2811, -18.8079



Protanomaly

77.1591, -13.3905, -14.8453



Deuteranomaly

76.9954, -9.7574, -22.3714



Tritanomaly

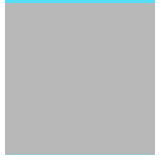
78.5379, -31.6382, -16.7715

Monochromacy



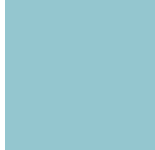
Original Color

78.3722, -30.2811, -18.8079



Achromatopsia

69.2330, -3.6941, 3.7616



Achromatomaly

71.5465, -16.2567, -5.1169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.3722, -30.2811, -18.8079 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 223, 247)` looks like.

```
.text, #text, p{  
  color:rgb(85, 223, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 223, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 78.3722, -30.2811, -18.8079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 223, 247) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(85, 223, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(85, 223, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(85, 223,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.3722, -30.2811, -18.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 223, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 223,  
247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor