

Converting Colors

HunterLab(76.5604, -17.8851,
-19.9834)

Have a look what the booklet for
HunterLab(76.5604, -17.8851,
-19.9834) contains.

HunterLab(76.6472, -18.0242, -19.9095)	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(76.6472,
-18.0242, -19.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	86D4F5
RGB	134, 212, 245
RGB Percent	53%, 83%, 96%
CMY	0.4745, 0.1686, 0.0392
CMYK	0.45, 0.13, 0.00, 0.04
HSL	198°, 85%, 74%
HSV	198°, 45%, 96%
XYZ	49.8565, 58.7479, 95.0980
YIQ	192.4400, -57.0810, -6.2730

Conversions

Conversions Part 2

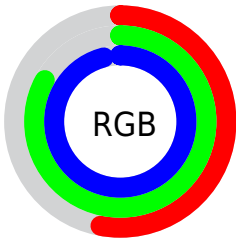
Format	Color
RYB	134, 180, 245
Decimal	8836341
CIELab	81.15, -15.52, -23.67
CIELCh	81, 28.305, 236.745
Yxy	58.7502, 0.2448, 0.2884
Android (android.graphics.Color)	4287026421 (0xFF86D4F5)
YUV	192.4400, 25.9121, -51.2519
Hunter-Lab	76.6472, -18.0242, -19.9095

Details

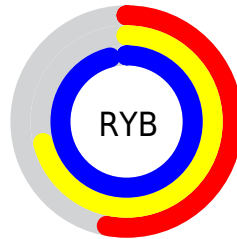
The HunterLab color **76.6472, -18.0242, -19.9095** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69.8374, 20.3531, 24.2403**, and the grayscale version is **72.7016, -3.8792, 3.9500**.

A 20% lighter version of the original color is **94.8401, -23.7797, -1.1210**, and **54.1522, -14.9216, -19.6048** is the 20% darker color. If you saturate the color by 10%, you get **73.0786, -18.9119, -25.3880**, and if you desaturate by 10%, it is **80.4525, -16.3489, -14.3754**.

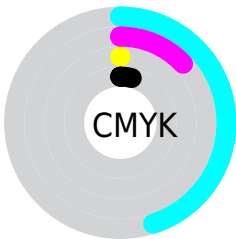
Distribution



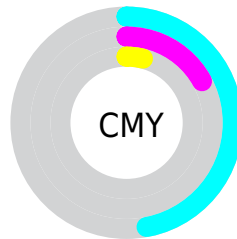
- Red (53%)
- Green (83%)
- Blue (96%)



- Red (53%)
- Yellow (71%)
- Blue (96%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6472, -18.0242, -19.9095 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 76.6472, -18.0242, -19.9095 by changing the saturation by 10% instead.

■ 76.6472, -18.0242,
-19.9095

■ 76.6472, -18.0242,
-19.9095

204.9330,
-30.6317, -20.1469

■ 65.1245, -16.6160,
-19.6167

■ 101.4960,
-20.8168, -20.3148

■ 54.2440, -15.1912,
-19.2641

■ 114.7647,
-22.2083, -20.4350

■ 44.0475, -13.7415,
-18.8504

■ 128.5660,
-23.6005, -20.5033

■ 34.5847, -12.2539,
-18.3805

142.8800,
-24.9956, -20.5221

■ 25.9174, -10.7085,
-17.8707

157.6890,
-26.3950, -20.4939

■ 18.1269, -9.0717,
-17.3689

172.9770,

■ 11.3257, -7.2942,

-27.8002, -20.4206

-17.0249

188.7295,
-29.2121, -20.3044

■ 3.5744, -6.2552,
-31.5788

0.0000, NaN, -NF

■ 76.6472, -18.0242,
-19.9095

■ 76.6472, -18.0242,
-19.9095

■ 73.0786, -18.9119,
-25.3880

■ 80.4525, -16.3489,
-14.3754

■ 69.7533, -18.9553,
-30.7791

■ 84.4774, -13.9495,
-8.8201

■ 66.6800, -18.1180,
-36.0424

■ 88.7095, -10.8942,
-3.2663

■ 63.8599, -16.3947,
-41.1422

■ 93.1352, -7.2495,
2.2683

■ 61.2827, -13.8316,
-46.0583

■ 97.5945, -3.5859,
7.5931

■ 60.1338, -12.4257,
-48.3385

■ 99.6858, -7.0596,
9.9219

Harmonies

Analogous

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



76.6487, -26.2494, -7.9965



76.6472, -18.0242, -19.9095



76.6487, -5.5854, -25.3345

Triad

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



76.6487, -18.0246, -19.9082



76.6487, 24.0495, 2.7342



76.6487, -15.6033, 23.3627

Complementary

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



76.6472, -18.0242, -19.9095



69.8374, 20.3531, 24.2403

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.



76.6487, -2.5909, 25.2287



76.6472, -18.0242, -19.9095



76.6487, 20.9044, 14.6240

Square

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



76.6487, -18.0246, -19.9082



76.6487, 19.2271, -10.8973



76.6487, 10.9088, 22.3242



76.6487, -24.9220, 16.6924

Rectangle

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



76.6472, -18.0242, -19.9095



76.6487, 3.6524, -23.9452



76.6487, 10.9088, 22.3242



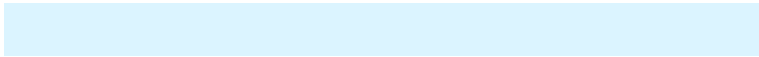
76.6487, -11.5442, 24.5157

Sweetspot

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



76.6487, -18.0246, -19.9082



93.4136, -10.9475, -2.6785



85.5030, -46.6714, 27.0348



42.7636, -5.4178, -1.8198

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6487, -18.0246, -19.9082



76.9077, -19.7261, -25.8905



60.1113, 9.2795, -48.0043



42.2815, -4.0960, -0.0197



44.4220, -9.5496, -34.9088



13.8307, -3.8026, -9.0784

Inverse Universe

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



64.2012, 49.0916, -17.1048



62.3786, 61.9072, -20.9876



85.3357, -7.5092, 36.7803



40.8405, 2.7932, -0.0134



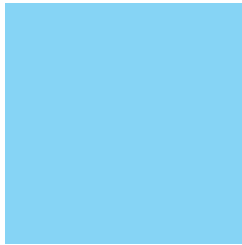
34.7728, 64.2470, -13.9459



10.3959, 19.3576, -5.3316

Previews

White Background



This preview shows how the HunterLab color 76.6472, -18.0242, -19.9095 looks on a white background.

Color Contrast Check

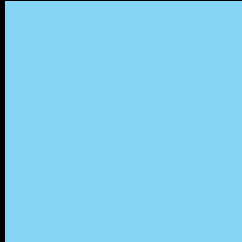
Large Text (above 18pt) WCAG AA × Fail

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 76.6472, -18.0242, -19.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

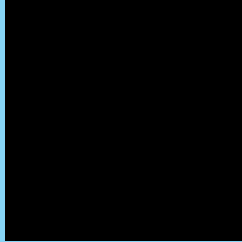
Any Text WCAG AA ✓ Pass

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 76.6472, -18.0242, -19.9095 Background



This preview shows how black text looks on a background with the HunterLab color 76.6472, -18.0242, -19.9095.



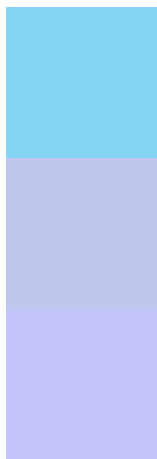
This preview shows how white text looks on a background with the HunterLab color 76.6472, -18.0242, -19.9095.

-18.0242, -19.9095.

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

76.6472, -18.0242, -19.9095

Protanopia

76.3154, 1.0703, -14.6090

Deuteranopia

76.4497, 5.5451, -21.6685



Tritanopia

76.5932, -22.5985, -12.2963

Trichromacy



Original Color

76.6472, -18.0242, -19.9095

Protanomaly

76.2813, -6.6956, -16.5847

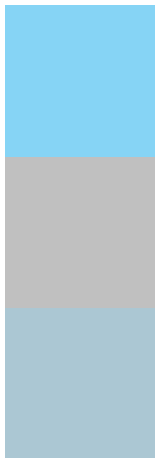
Deuteranomaly

76.0531, -3.6707, -21.8010

Tritanomaly

76.5037, -20.8595, -15.3171

Monochromacy



Original Color

76.6472, -18.0242, -19.9095

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.6260, -10.1077, -4.4371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6472, -18.0242, -19.9095 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(134, 212, 245)` looks like.

```
.text, #text, p{  
    color:rgb(134, 212, 245)  
}
```

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(134, 212, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 212, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6472, -18.0242, -19.9095 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(134, 212, 245) }
```


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

```
.border{ border-color:rgb(134, 212, 245) }
```

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

Here you see how a box with a 4 pixel rgb(134, 212, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 212, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 212, 245);  
box-shadow:4px 4px 4px 4px rgb(134, 212,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6472, -18.0242, -19.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 212, 245) }
```

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

```
.background{ background-color: rgb(134,  
212, 245) }
```

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