

Converting Colors

HunterLab(65.3801, -22.2764,
-28.6622)

Have a look what the booklet for
HunterLab(65.3801, -22.2764,
-28.6622) contains.

HunterLab(65.3801, -22.2764, -28.6622)	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(65.3801,
-22.2764, -28.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	2EBDE7
RGB	46, 189, 231
RGB Percent	18%, 74%, 91%
CMY	0.8195, 0.2588, 0.0941
CMYK	0.80, 0.18, 0.00, 0.09
HSL	194°, 79%, 54%
HSV	194°, 80%, 91%
XYZ	33.7481, 42.7456, 82.0733
YIQ	151.0310, -98.7100, -17.2540

Conversions

Conversions Part 2

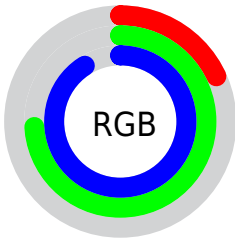
Format	Color
RYB	46, 127, 231
Decimal	3063271
CIELab	71.38, -22.59, -31.36
CIELCh	71, 38.646, 234.233
Yxy	42.7471, 0.2128, 0.2696
Android (android.graphics.Color)	4281253351 (0xFF2EBDE7)
YUV	151.0310, 39.4247, -92.1122
Hunter-Lab	65.3801, -22.2764, -28.6622

Details

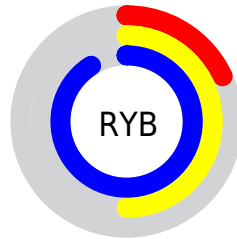
The HunterLab color **65.3801, -22.2764, -28.6622** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **49.1615, 48.0919, 28.0156**, and the grayscale version is **55.5194, -2.9624, 3.0165**.

A 20% lighter version of the original color is **87.5571, -33.4969, -10.6986**, and **45.1919, -14.3015, -25.6131** is the 20% darker color. If you saturate the color by 10%, you get **63.3492, -21.0728, -32.0913**, and if you desaturate by 10%, it is **67.6260, -22.7069, -25.0097**.

Distribution



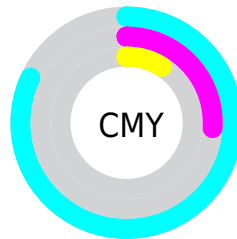
- Red (18%)
- Green (74%)
- Blue (91%)



- Red (18%)
- Yellow (50%)
- Blue (91%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3801, -22.2764, -28.6622 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 65.3801, -22.2764, -28.6622 by changing the saturation by 10% instead.

65.3801, -22.2764,
-28.6622

65.3801, -22.2764,
-28.6622

189.0954,
-37.7019, -31.2370

54.4855, -20.4473,
-28.1201

89.0669, -25.8183,
-29.5942

44.2729, -18.5620,
-27.5410

101.7936,
-27.5500, -29.9811

34.7927, -16.5987,
-26.9464

115.0748,
-29.2641, -30.3149

26.1064, -14.5247,
-26.3874

128.8880,
-30.9651, -30.5967

18.2946, -12.2860,
-25.9878

143.2135,
-32.6567, -30.8282

11.4692, -10.0120,
-26.0964

158.0337,

3.9128, -6.8475,

-34.3418, -31.0109

-44.8302

173.3325,
-36.0229, -31.1466

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.3801, -22.2764,
-28.6622

■ 65.3801, -22.2764,
-28.6622

■ 63.3492, -21.0728,
-32.0913

■ 67.6260, -22.7069,
-25.0097

■ 61.5074, -19.2549,
-35.3131


■ 70.0925, -22.3345,
-21.1508


■ 72.7823, -21.1643,
-17.1096


■ 75.6917, -19.2260,
-12.9156

■ 78.8140, -16.5651,

-8.5990

 82.1401, -13.2360,
-4.1882

 85.6600, -9.2973,
0.2922

 89.3630, -4.8074,
4.8208

 93.2382, 0.1768,
9.3807

Harmonies

Analogous

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



65.3813, -31.8052, -11.2251



65.3801, -22.2764, -28.6622



65.3813, -6.8879, -37.7057

Triad

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



65.3813, -22.2761, -28.6610



65.3813, 34.0649, 0.2101



65.3813, -16.9243, 26.7893

Complementary

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



65.3801, -22.2764, -28.6622



49.1615, 48.0919, 28.0156

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.



65.3813, -0.0255, 28.3289



65.3801, -22.2764, -28.6622



65.3813, 30.6472, 15.5358

Square

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



65.3813, -22.2761, -28.6610



65.3813, 26.5826, -18.4142



65.3813, 17.6856, 24.8086



65.3813, -28.9539, 19.8393

Rectangle

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



65.3801, -22.2764, -28.6622



65.3813, 5.1161, -36.4008



65.3813, 17.6856, 24.8086



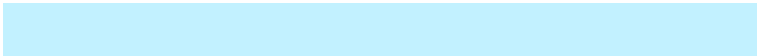
65.3813, -11.6767, 27.8630

Sweetspot

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



65.3813, -22.2761, -28.6610



90.3525, -16.4010, -6.6946



76.4246, -60.4336, 39.1884



41.1876, -8.1954, -3.9139

0.0000, NaN, NaN



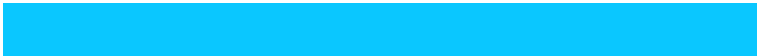
46.2646, -2.4686, 2.5136

Same Dimension

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



65.3813, -22.2761, -28.6610



69.5173, -22.2901, -38.2431



38.9445, 23.3300, -90.6927



39.6891, -4.1734, 0.2657



46.2643, -14.7126, -26.0659



13.1067, -4.7287, -6.1744

Inverse Universe

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



47.5591, 78.6055, -29.3393



50.6207, 93.7496, -30.7535



70.1870, 3.0275, 41.1170



38.1527, 2.6989, -0.3309



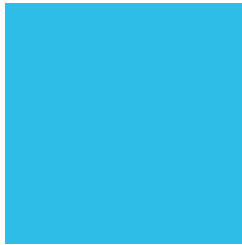
33.7023, 63.1584, -20.4096



9.2363, 17.4338, -6.5609

Previews

White Background



This preview shows how the HunterLab color 65.3801, -22.2764, -28.6622 looks on a white background.

Color Contrast Check

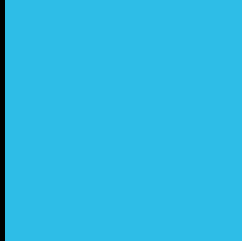
Large Text (above 18pt) WCAG AA × Fail

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 65.3801, -22.2764, -28.6622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

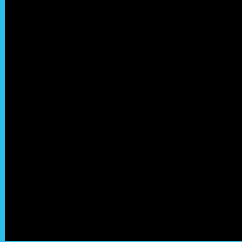
Any Text WCAG AA ✓ Pass

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 65.3801, -22.2764, -28.6622 Background



This preview shows how black text looks on a background with the HunterLab color 65.3801, -22.2764, -28.6622.



This preview shows how white text looks on a background with the HunterLab color 65.3801, -22.2764, -28.6622.

-22.2764, -28.6622.

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

65.3801, -22.2764, -28.6622

Protanopia

64.9988, 2.4379, -20.4094

Deuteranopia

64.9553, 5.2323, -31.6254



Tritanopia

65.3784, -30.9248, -14.9596

Trichromacy



Original Color

65.3801, -22.2764, -28.6622



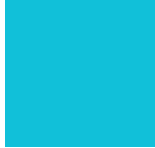
Protanomaly

64.1573, -9.3735, -25.1464



Deuteranomaly

64.4161, -7.5000, -32.0859



Tritanomaly

65.4433, -28.3208, -19.6433

Monochromacy



Original Color

65.3801, -22.2764, -28.6622



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

58.0657, -13.9926, -8.5556

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.3801, -22.2764, -28.6622 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(46, 189, 231)` looks like.

```
.text, #text, p{  
    color:rgb(46, 189, 231)  
}
```

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(46, 189, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 189, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 65.3801, -22.2764, -28.6622 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(46, 189, 231) }
```


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

```
.border{ border-color:rgb(46, 189, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 189, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 189, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 189, 231);  
box-shadow:4px 4px 4px 4px rgb(46, 189,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.3801, -22.2764, -28.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 189, 231) }
```

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

```
.background{ background-color: rgb(46, 189,  
231) }
```

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