

Converting Colors

HunterLab(31.1806, -10.7328,
-23.4064)

Have a look what the booklet for
HunterLab(31.1806, -10.7328,
-23.4064) contains.

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Color

**HunterLab(31.7162, -8.1350,
-22.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	006085
RGB	0, 96, 133
RGB Percent	0%, 38%, 52%
CMY	0.9999, 0.6235, 0.4784
CMYK	1.00, 0.28, 0.00, 0.48
HSL	197°, 100%, 26%
HSV	197°, 100%, 52%
XYZ	8.4165, 10.0592, 23.6883
YIQ	71.5140, -69.0930, -8.8450

Conversions

Conversions Part 2

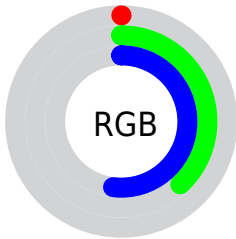
Format	Color
RYB	0, 56, 133
Decimal	24709
CIELab	37.95, -9.67, -27.27
CIELCh	38, 28.938, 250.469
Yxy	10.0595, 0.1996, 0.2386
Android (android.graphics.Color)	4278214789 (0xFF006085)
YUV	71.5140, 30.3126, -62.7178
Hunter-Lab	31.7162, -8.1350, -22.0813

Details

The HunterLab color **31.7162, -8.1350, -22.0813** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.1214, 29.4738, 15.9945**, and the grayscale version is **25.1997, -1.3446, 1.3691**.

A 20% lighter version of the original color is **50.7594, -10.1761, -23.1619**, and **17.0462, -1.5375, -17.9873** is the 20% darker color. If you saturate the color by 10%, you get **31.7151, -8.1332, -22.0838**, and if you desaturate by 10%, it is **32.9221, -9.1801, -19.8375**.

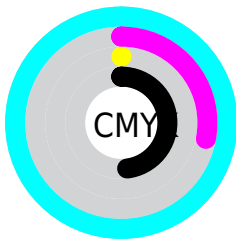
Distribution



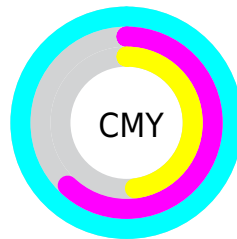
- Red (0%)
- Green (38%)
- Blue (52%)



- Red (0%)
- Yellow (22%)
- Blue (52%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7162, -8.1350, -22.0813 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 31.7162, -8.1350, -22.0813 by changing the saturation by 10% instead.

■ 31.7162, -8.1350,
-22.0813

■ 31.7162, -8.1350,
-22.0813

■ 138.2376,
-18.1840, -25.2459

■ 23.3204, -7.0031,
-21.5389

■ 50.8993, -10.3455,
-23.1475

■ 15.8327, -5.8289,
-21.1160

■ 61.5654, -11.4442,
-23.6146

■ 9.3809, -4.9950,
-21.1600

■ 72.8872, -12.5458,
-24.0258

0.0000, NaN, -NF

■ 84.8289, -13.6536,
-24.3797

0.0000, NaN, -NF

■ 97.3596, -14.7699,
-24.6770

0.0000, NaN, NaN

■ 110.4530,

0.0000, NaN, NaN

-15.8963, -24.9191

0.0000, NaN, NaN

124.0859,
-17.0340, -25.1080

■ 31.7162, -8.1350,
-22.0813

■ 31.7162, -8.1350,
-22.0813

■ 31.7151, -8.1332,
-22.0838

■ 32.9221, -9.1801,
-19.8375

■ 34.2081, -9.9485,
-17.5561

■ 35.6086, -10.3121,
-15.1869

■ 37.1244, -10.2684,
-12.7435

■ 38.7534, -9.8295,
-10.2422

■ 40.4919, -9.0166,
-7.6991

■ 42.3348, -7.8563,
-5.1288

■ 44.2766, -6.3776,
-2.5435

■ 46.3114, -4.6097,
0.0469

Harmonies

Analogous

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



31.7167, -15.5756, -13.3494



31.7162, -8.1350, -22.0813



31.7167, 2.0392, -23.4006

Triad

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



31.7167, -8.1347, -22.0807



31.7167, 20.5764, 5.0060



31.7167, -13.7076, 13.0952

Complementary

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



31.7162, -8.1350, -22.0813



25.1214, 29.4738, 15.9945

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.



31.7167, -5.2622, 15.3556



31.7162, -8.1350, -22.0813



31.7167, 15.0813, 11.7935

Square

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



31.7167, -8.1347, -22.0807



31.7167, 19.5461, -5.3500



31.7167, 5.3054, 14.9721



31.7167, -18.4932, 7.4739

Rectangle

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



31.7162, -8.1350, -22.0813



31.7167, 9.1486, -19.5559



31.7167, 5.3054, 14.9721



31.7167, -11.2511, 14.1756

Sweetspot

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



31.7167, -8.1347, -22.0807



56.4766, -10.6356, -7.1035



41.1090, -34.1715, 22.3853



26.3825, -5.3306, -3.9562



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.7167, -8.1347, -22.0807



42.1179, -10.4108, -30.1697



16.3586, 22.9315, -69.9453



22.5070, -2.1518, 0.1308



30.9753, -7.9705, -21.5105



2.1341, -0.8951, -0.7351

Inverse Universe

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



24.1486, 44.8481, -11.5055



32.2716, 59.8664, -14.8077



38.0575, 1.0406, 23.4682



21.7746, 1.2767, 0.0466



23.5702, 43.7831, -11.2686



1.4314, 2.7331, -1.2594

Previews

White Background



This preview shows how the HunterLab color 31.7162, -8.1350, -22.0813 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 31.7162, -8.1350, -22.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

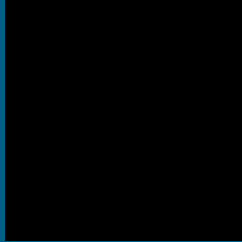
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.7162, -8.1350, -22.0813 Background



This preview shows how black text looks on a background with the HunterLab color 31.7162, -8.1350, -22.0813.



This preview shows how white text looks on a background with the HunterLab color 31.7162, -8.1350, -22.0813.

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

31.7162, -8.1350, -22.0813

Protanopia

31.7640, 2.7500, -17.8574

Deuteranopia

31.8166, 2.2720, -23.0693



Tritanopia

31.5994, -15.1036, -6.8922

Trichromacy



Original Color

31.7162, -8.1350, -22.0813

Protanomaly

31.1771, -3.2026, -20.3414

Deuteranomaly

31.4470, -3.2282, -23.2028

Tritanomaly

31.6170, -12.8736, -11.7281

Monochromacy



Original Color

31.7162, -8.1350, -22.0813

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.9701, -6.8945, -6.7818

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7162, -8.1350, -22.0813 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(0, 96, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 133)  
}
```

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(0, 96, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7162, -8.1350, -22.0813 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(0, 96, 133) }
```


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

```
.border{ border-color:rgb(0, 96, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 96, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 96, 133)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7162, -8.1350, -22.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 133) }
```

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

```
.background{ background-color: rgb(0, 96,  
133) }
```

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](#).

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