

Converting Colors

HunterLab(31.8538, 12.4670,
-22.9213)

Have a look what the booklet for
HunterLab(31.8538, 12.4670,
-22.9213) contains.

HunterLab(31.8134, 12.4392, -22.8976)	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(31.8134, 12.4392,
-22.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	605187
RGB	96, 81, 135
RGB Percent	38%, 32%, 53%
CMY	0.6235, 0.6823, 0.4706
CMYK	0.29, 0.40, 0.00, 0.47
HSL	257°, 25%, 42%
HSV	257°, 40%, 53%
XYZ	12.1395, 10.1209, 24.2354
YIQ	91.6410, -8.3940, 19.9740

Conversions

Conversions Part 2

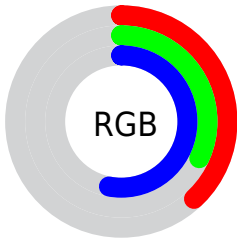
Format	Color
R_{YB}	96, 81, 135
Decimal	6312327
CIE _{Lab}	38.06, 18.79, -28.00
CIE _{LCh}	38, 33.721, 303.862
Yxy	10.1213, 0.2611, 0.2177
Android (android.graphics.Color)	4284502407 (0xFF605187)
YUV	91.6410, 21.3760, 3.8228
Hunter-Lab	31.8134, 12.4392, -22.8976

Details

The HunterLab color $[31.8134, 12.4392, -22.8976]$ is a dark color, and the websafe version is hex `666699`. A complement of this color would be $[46.8138, -13.6904, 18.7470]$, and the grayscale version is $[32.5078, -1.7345, 1.7662]$.

A 20% lighter version of the original color is $[50.9267, 13.8587, -24.4270]$, and $[15.8807, 10.9067, -22.1100]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.9534, 16.6702, -31.1013]$, and if you desaturate by 10%, it is $[35.9072, 8.4244, -15.5753]$.

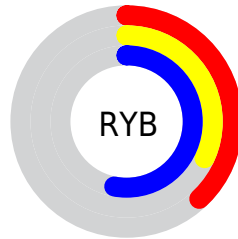
Distribution



Red (38%)

Green (32%)

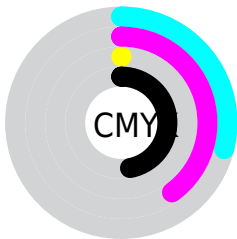
Blue (53%)



Red (38%)

Yellow (32%)

Blue (53%)

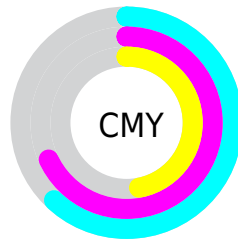


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (68%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8134, 12.4392, -22.8976 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 31.8134, 12.4392, -22.8976 by changing the saturation by 10% instead.

31.8134, 12.4392,
-22.8976

31.8134, 12.4392,
-22.8976

138.3964, 14.5741,
-26.2185

23.4083, 11.7420,
-22.3536

51.0132, 13.4750,
-23.9874

15.9099, 10.8972,
-21.9463

61.6867, 13.8458,
-24.4712

9.4458, 9.8796,
-22.0461

73.0156, 14.1336,
-24.9007

0.0000, INF, -NF

0.0000, NaN, -NF

84.9639, 14.3468,
-25.2736

0.0000, NaN, NaN

97.5010, 14.4922,
-25.5903

0.0000, NaN, NaN

110.6005, 14.5756,

0.0000, NaN, NaN

-25.8521

0.0000, NaN, NaN

124.2391, 14.6016,
-26.0609

■ 31.8134, 12.4392,
-22.8976

■ 31.8134, 12.4392,
-22.8976

■ 27.9534, 16.6702,
-31.1013

■ 35.9072, 8.4244,
-15.5753

■ 24.3822, 21.1181,
-40.3449

■ 40.1918, 4.5982,
-8.9673

■ 21.1789, 25.7000,
-50.6691

■ 44.6378, 0.9252,
-2.9241

■ 18.4476, 30.1527,
-61.7748

■ 49.2228, -2.6268,
2.6750

■ 16.3109, 33.9171,
-72.6761

■ 53.9297, -6.0852,
7.9246

■ 14.6696, 37.0457,
-82.9548

■ 58.7453, -9.4723,
12.8983

■ 14.6694, 37.0462,
-82.9562

■ 63.6588, -12.8056,
17.6533

■ 68.6617, -16.0992,
22.2340

■ 73.7470, -19.3642,
26.6752

Harmonies

Analogous

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



31.8140, -0.1055, -29.5035



31.8134, 12.4392, -22.8976



31.8140, 22.1892, -9.7368

Triad

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



31.8140, 12.4388, -22.8967



31.8140, 9.2962, 15.9476



31.8140, -21.8661, 0.1935

Complementary

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



31.8134, 12.4392, -22.8976



46.8138, -13.6904, 18.7470

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.



31.8140, -20.1215, 10.0699



31.8134, 12.4392, -22.8976



31.8140, -3.2622, 16.9103

Square

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



31.8140, 12.4388, -22.8967



31.8140, 20.1915, 11.8168



31.8140, -13.7316, 15.2381



31.8140, -18.9132, -13.3611

Rectangle

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



31.8134, 12.4392, -22.8976



31.8140, 25.1131, -0.7452



31.8140, -13.7316, 15.2381



31.8140, -21.8066, 4.0242

Sweetspot

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



31.8140, 12.4388, -22.8967



58.3668, 2.3382, -5.6914



41.3239, -9.4430, -7.5892



27.7747, 1.3802, -3.1542



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



31.8140, 12.4388, -22.8967



37.8699, 21.7724, -40.5499



34.3530, 19.8945, -18.0444



21.4536, 0.2885, -1.1484



14.1081, 35.5937, -79.5116



1.0079, 2.2805, -3.6464

Inverse Universe

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



35.2025, 21.1718, -7.8661



43.6741, 35.4926, -13.0801



45.0343, -20.4466, 17.1426



21.7746, 1.2771, 0.0455



23.5724, 43.7910, -11.2989



1.4315, 2.7334, -1.2605

Previews

White Background



This preview shows how the HunterLab color 31.8134, 12.4392, -22.8976 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 31.8134, 12.4392, -22.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

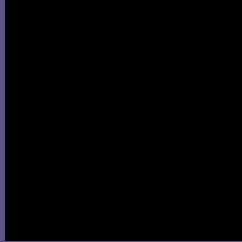
Any Text WCAG AA × Fail

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 31.8134, 12.4392, -22.8976 Background



This preview shows how black text looks on a background with the HunterLab color 31.8134, 12.4392, -22.8976.



This preview shows how white text looks on a background with the HunterLab color 31.8134, 12.4392, -22.8976.

-22.8976.

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

31.8134, 12.4392, -22.8976

Protanopia

31.9447, 4.5747, -27.0062

Deuteranopia

31.8438, 2.1880, -21.6558



Tritanopia

31.7238, -0.8916, -1.1499

Trichromacy



Original Color

31.8134, 12.4392, -22.8976

Protanomaly

31.6597, 7.3653, -26.1060

Deuteranomaly

31.6845, 5.7074, -22.5812

Tritanomaly

31.6315, 3.6529, -8.0957

Monochromacy



Original Color

31.8134, 12.4392, -22.8976

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.2325, 2.9079, -6.1845

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8134, 12.4392, -22.8976 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(96, 81, 135)` looks like.

```
.text, #text, p{  
    color:rgb(96, 81, 135)  
}
```

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(96, 81, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 81, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8134, 12.4392, -22.8976 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(96, 81, 135) }
```


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

```
.border{ border-color:rgb(96, 81, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 81, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 81, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 81, 135);  
box-shadow:4px 4px 4px 4px rgb(96, 81,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8134, 12.4392, -22.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 81, 135) }
```

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

```
.background{ background-color: rgb(96, 81,  
135) }
```

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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