

Converting Colors

HunterLab(31.1264, -12.5579,
-5.9866)

Have a look what the booklet for
HunterLab(31.1264, -12.5579,
-5.9866) contains.

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Color

**HunterLab(31.1264,
-12.5579, -5.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	216068
RGB	33, 96, 104
RGB Percent	13%, 38%, 41%
CMY	0.8706, 0.6235, 0.5922
CMYK	0.68, 0.08, 0.00, 0.59
HSL	187°, 52%, 27%
HSV	187°, 68%, 41%
XYZ	7.3087, 9.6885, 14.5815
YIQ	78.0750, -40.1160, -10.8680

Conversions

Conversions Part 2

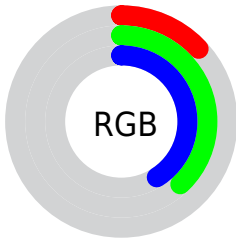
Format	Color
RYB	33, 66, 104
Decimal	2187368
CIELab	37.28, -17.02, -10.47
CIElCh	37, 19.984, 211.581
Yxy	9.6889, 0.2314, 0.3068
Android (android.graphics.Color)	4280377448 (0xFF216068)
YUV	78.0750, 12.7810, -39.5308
Hunter-Lab	31.1264, -12.5579, -5.9866

Details

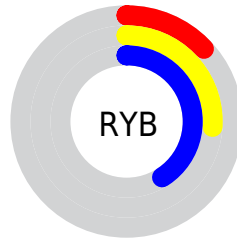
The HunterLab color **31.1264, -12.5579, -5.9866** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21.5383, 18.4693, 9.6336**, and the grayscale version is **27.5952, -1.4724, 1.4993**.

A 20% lighter version of the original color is **50.2596, -15.9264, -5.8913**, and **15.7862, -6.8561, -4.9310** is the 20% darker color. If you saturate the color by 10%, you get **30.5463, -13.0187, -6.8262**, and if you desaturate by 10%, it is **31.7857, -11.8069, -5.0501**.

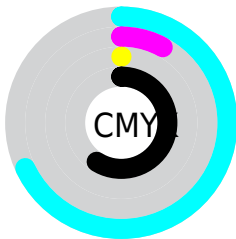
Distribution



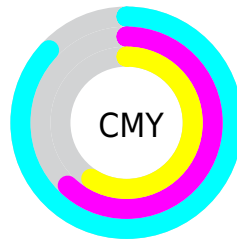
- Red (13%)
- Green (38%)
- Blue (41%)



- Red (13%)
- Yellow (26%)
- Blue (41%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



- Cyan (87%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1264, -12.5579, -5.9866 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 31.1264, -12.5579, -5.9866 by changing the saturation by 10% instead.

31.1264, -12.5579,
-5.9866

31.1264, -12.5579,
-5.9866

137.2723,
-26.0657, -4.2749

22.7885, -10.8657,
-5.8586

50.2082, -15.7263,
-6.0075

15.3657, -9.0447,
-5.6420

60.8289, -17.2470,
-5.9169

8.9763, -8.7437,
-5.3637

72.1079, -18.7427,
-5.7670

0.0000, NaN, -NF

0.0000, NaN, NaN

84.0090, -20.2215,
-5.5628

0.0000, NaN, NaN

96.5011, -21.6893,
-5.3082

0.0000, NaN, NaN

0.0000, NaN, NaN

109.5575,

-23.1504, -5.0069

0.0000, NaN, NaN

123.1549,
-24.6084, -4.6616

■ 31.1264, -12.5579,
-5.9866

■ 31.1264, -12.5579,
-5.9866

■ 30.5463, -13.0187,
-6.8262

■ 31.7857, -11.8069,
-5.0501

■ 30.0397, -13.1995,
-7.5703

■ 32.5245, -10.7646,
-4.0217

■ 29.5803, -13.2013,
-8.2549

■ 33.3440, -9.4374,
-2.9067

■ 29.5007, -13.2016,
-8.3748

■ 34.2438, -7.8371,
-1.7123

■ 35.2225, -5.9798,
-0.4466

■ 36.2780, -3.8837,
0.8819

■ 37.4077, -1.5690,
2.2649

■ 38.6087, 0.9442,
3.6947

■ 39.8778, 3.6360,
5.1639

Harmonies

Analogous

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



31.1270, -14.2796, 1.3302



31.1264, -12.5579, -5.9866



31.1270, -7.9556, -12.1875

Triad

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



31.1270, -12.5580, -5.9861



31.1270, 11.4141, -5.2155



31.1270, -2.0421, 12.1597

Complementary

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



31.1264, -12.5579, -5.9866



21.5383, 18.4693, 9.6336

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.



31.1270, 5.1740, 11.1624



31.1264, -12.5579, -5.9866



31.1270, 13.3521, 2.0541

Square

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



31.1270, -12.5580, -5.9861



31.1270, 5.8915, -11.6764



31.1270, 10.9742, 7.8098



31.1270, -8.5585, 10.9240

Rectangle

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



31.1264, -12.5579, -5.9866



31.1270, -3.6553, -14.2711



31.1270, 10.9742, 7.8098



31.1270, 0.3817, 12.0760

Sweetspot

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



31.1270, -12.5580, -5.9861



46.3466, -8.5145, -0.9845



32.2150, -23.3388, 15.7304



22.7585, -4.4621, -0.6587



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



31.1270, -12.5580, -5.9861



40.0429, -17.4314, -9.6522



21.6876, 1.6878, -22.4111



17.7067, -1.9676, 0.3892



32.7104, -14.6026, -9.3624



74.1649, -32.6650, -22.1853

Inverse Universe

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



22.0807, 28.9759, -15.6024



26.9292, 45.0322, -23.6328



28.5781, 3.3334, 14.6824



16.9823, 1.0075, -0.2221



21.4095, 41.1286, -20.7705



48.8114, 93.6377, -46.3388

Previews

White Background



This preview shows how the HunterLab color 31.1264, -12.5579, -5.9866 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 31.1264, -12.5579, -5.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

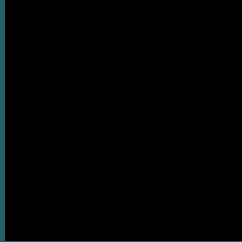
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.1264, -12.5579, -5.9866 Background



This preview shows how black text looks on a background with the HunterLab color 31.1264, -12.5579, -5.9866.



This preview shows how white text looks on a background with the HunterLab color 31.1264,

-12.5579, -5.9866.

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

31.1264, -12.5579, -5.9866

Protanopia

31.1073, -0.2087, -2.8596

Deuteranopia

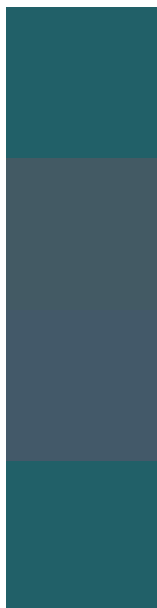
30.8481, 2.0734, -7.1630



Tritanopia

31.1264, -12.5579, -5.9866

Trichromacy



Original Color

31.1264, -12.5579, -5.9866

Protanomaly

30.7013, -5.6382, -4.4642

Deuteranomaly

30.5908, -4.3037, -7.1282

Tritanomaly

31.1264, -12.5579, -5.9866

Monochromacy



Original Color

31.1264, -12.5579, -5.9866

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.6518, -6.8086, -1.1229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1264, -12.5579, -5.9866 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(33, 96, 104)` looks like.

```
.text, #text, p{  
    color:rgb(33, 96, 104)  
}
```

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(33, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 96, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1264, -12.5579, -5.9866 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(33, 96, 104) }
```


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

```
.border{ border-color:rgb(33, 96, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 96, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(33, 96,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1264, -12.5579, -5.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 96, 104) }
```

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

```
.background{ background-color: rgb(33, 96,  
104) }
```

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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