

Converting Colors

HunterLab(31.6725, -21.1992,
6.1751)

Have a look what the booklet for
HunterLab(31.6725, -21.1992,
6.1751) contains.

HunterLab(31.6616, -21.2662, 6.3334)	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(31.6616,
-21.2662, 6.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	00664C
RGB	0, 102, 76
RGB Percent	0%, 40%, 30%
CMY	1.0000, 0.6000, 0.7020
CMYK	1.00, 0.00, 0.25, 0.60
HSL	165°, 100%, 20%
HSV	165°, 100%, 40%
XYZ	6.0559, 10.0246, 8.4533
YIQ	68.5380, -52.4460, -29.7100

Conversions

Conversions Part 2

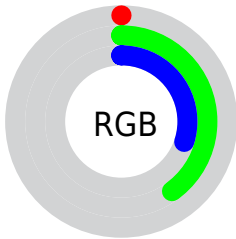
Format	Color
RYB	0, 58, 102
Decimal	26188
CIELab	37.89, -32.57, 7.59
CIELCh	38, 33.439, 166.884
Yxy	10.0250, 0.2468, 0.4086
Android (android.graphics.Color)	4278216268 (0xFF00664C)
YUV	68.5380, 3.6788, -60.1078
Hunter-Lab	31.6616, -21.2662, 6.3334

Details

The HunterLab color **31.6616, -21.2662, 6.3334** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **17.0283, 29.5977, 7.6068**, and the grayscale version is **24.2339, -1.2931, 1.3167**.

A 20% lighter version of the original color is **50.8861, -26.6707, 8.2826**, and **16.5609, -11.9529, 5.1032** is the 20% darker color. If you saturate the color by 10%, you get **31.6621, -21.2668, 6.3341**, and if you desaturate by 10%, it is **31.8240, -20.4895, 5.6111**.

Distribution



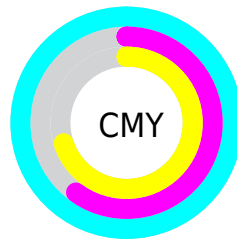
- Red (0%)
- Green (40%)
- Blue (30%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6616, -21.2662, 6.3334 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 31.6616, -21.2662, 6.3334 by changing the saturation by 10% instead.

■ 31.6616, -21.2662,
6.3334

■ 31.6616, -21.2662,
6.3334

138.1485,
-42.3959, 15.4556

■ 23.2712, -18.3252,
5.3483

■ 50.8355, -26.5600,
8.2891

■ 15.7894, -15.0634,
4.3375

■ 61.4974, -29.0135,
9.2739

■ 9.3443, -15.6859,
3.8747

■ 72.8153, -31.3783,
10.2690

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.7532, -33.6734,
11.2766

0.0000, NaN, NaN

■ 97.2804, -35.9131,
12.2982

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.3704,

-38.1082, 13.3348

0.0000, NaN, NaN

124.0000,
-40.2669, 14.3871

31.6616, -21.2662,
6.3334

31.6616, -21.2662,
6.3334

31.6621, -21.2668,
6.3341

31.8240, -20.4895,
5.6111

32.0207, -19.5724,
4.9008

32.2883, -18.3739,
4.2471

32.6327, -16.8796,
3.6618

33.0581, -15.0849,
3.1545

■ 33.5672, -12.9933,
2.7327

■ 34.1613, -10.6155,
2.4020

■ 34.8407, -7.9673,
2.1657

■ 35.6049, -5.0690,
2.0253

Harmonies

Analogous

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



31.6622, -16.9094, 13.4014



31.6616, -21.2662, 6.3334



31.6622, -20.9737, -5.3799

Triad

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



31.6622, -21.2664, 6.3337



31.6622, 5.3329, -27.5034



31.6622, 15.7773, 13.9720

Complementary

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



31.6616, -21.2662, 6.3334



17.0283, 29.5977, 7.6068

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.



31.6622, 23.7081, 7.4867



31.6616, -21.2662, 6.3334



31.6622, 17.0868, -17.3757

Square

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



31.6622, -21.2664, 6.3337



31.6622, -6.7857, -28.1855



31.6622, 24.2204, -3.7048



31.6622, 3.7474, 16.5638

Rectangle

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



31.6616, -21.2662, 6.3334



31.6622, -18.1932, -14.5905



31.6622, 24.2204, -3.7048



31.6622, 19.0847, 12.3144

Sweetspot

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



31.6622, -21.2664, 6.3337



45.1664, -14.3452, 3.2139



31.2073, -24.8181, 18.7950



21.8209, -7.4311, 1.6189



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



31.6622, -21.2664, 6.3337



41.9079, -28.2949, 8.6992



25.3713, -8.2565, -13.8876



17.8154, -2.3680, 1.0062



35.8725, -24.1543, 7.3048



81.8344, -55.7091, 17.9740

Inverse Universe

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



17.0283, 29.5977, 7.6068



22.5131, 39.0623, 10.6100



18.6283, 22.9996, 11.8808



16.9022, 0.5770, 0.9171



19.2818, 33.4872, 8.8429



43.8938, 75.9556, 22.2686

Previews

White Background



This preview shows how the HunterLab color 31.6616, -21.2662, 6.3334 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 31.6616, -21.2662, 6.3334 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 31.6616, -21.2662, 6.3334 Background



This preview shows how black text looks on a background with the HunterLab color 31.6616, -21.2662, 6.3334.



This preview shows how white text looks on a background with the HunterLab color 31.6616,

-21.2662, 6.3334.

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

31.6616, -21.2662, 6.3334

Protanopia

31.6541, -2.4034, 8.6099

Deuteranopia

31.6251, 1.9034, 5.2921



Tritanopia

31.7794, -12.9462, -6.0840

Trichromacy



Original Color

31.6616, -21.2662, 6.3334

Protanomaly

30.7147, -12.8614, 6.8664

Deuteranomaly

30.5103, -10.3758, 4.2440

Tritanomaly

31.4791, -16.3216, -1.2798

Monochromacy



Original Color

31.6616, -21.2662, 6.3334

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

26.2454, -10.8976, 2.1314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6616, -21.2662, 6.3334 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, 102, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 76)  
}
```

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, 102, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6616, -21.2662, 6.3334 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, 102, 76) }
```


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

```
.border{ border-color:rgb(0, 102, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.6616, -21.2662, 6.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 76) }
```

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

```
.background{ background-color: rgb(0, 102,  
76) }
```

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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