

Converting Colors

HunterLab(31.4646, -23.3819,
16.2154)

Have a look what the booklet for
HunterLab(31.4646, -23.3819,
16.2154) contains.

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Color

**HunterLab(31.4704,
-23.3613, 16.2722)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6621
RGB	31, 102, 33
RGB Percent	12%, 40%, 13%
CMY	0.8784, 0.6000, 0.8706
CMYK	0.70, 0.00, 0.68, 0.60
HSL	122°, 53%, 26%
HSV	122°, 70%, 40%
XYZ	5.5910, 9.9039, 3.0558
YIQ	72.9050, -20.1670, -36.5110

Conversions

Conversions Part 2

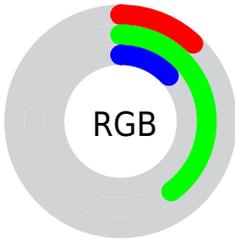
Format	Color
R_{YB}	31, 100, 102
Decimal	2057761
CIE Lab	37.67, -36.88, 31.75
CIE LCh	38, 48.666, 139.270
Yxy	9.9043, 0.3014, 0.5339
Android (android.graphics.Color)	4280247841 (0xFF1F6621)
YUV	72.9050, -19.6732, -36.7507
Hunter-Lab	31.4704, -23.3613, 16.2722

Details

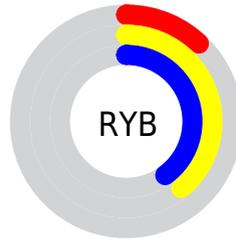
The HunterLab color **31.4704, -23.3613, 16.2722** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.7371, 29.8715, -18.9687**, and the grayscale version is **25.8517, -1.3794, 1.4046**.

A 20% lighter version of the original color is **50.6791, -29.2394, 21.6091**, and **16.2429, -13.9283, 9.7650** is the 20% darker color. If you saturate the color by 10%, you get **31.1811, -24.7293, 17.2305**, and if you desaturate by 10%, it is **31.8630, -21.5396, 15.0192**.

Distribution



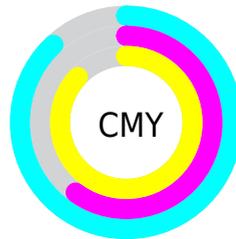
- Red (12%)
- Green (40%)
- Blue (13%)



- Red (12%)
- Yellow (39%)
- Blue (40%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (60%)



- Cyan (88%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4704, -23.3613, 16.2722 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 31.4704, -23.3613, 16.2722 by changing the saturation by 10% instead.

■ 31.4704, -23.3613,
16.2722

■ 31.4704, -23.3613,
16.2722

137.8359,
-46.7023, 37.5243

■ 23.0988, -20.0495,
13.2858

■ 50.6116, -29.2804,
21.6442

■ 15.6379, -16.3565,
10.9465

■ 61.2588, -32.0058,
24.1230

■ 9.2148, -16.1259,
6.4504

■ 72.5628, -34.6227,
26.5047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.4876, -37.1538,
28.8097

0.0000, NaN, NaN

■ 97.0023, -39.6159,
31.0536

0.0000, NaN, NaN

■ 110.0804,

0.0000, NaN, NaN

-42.0217, 33.2482

0.0000, NaN, NaN

 123.6985,
-44.3812, 35.4026

 31.4704, -23.3613,
16.2722

 31.4704, -23.3613,
16.2722

 31.1811, -24.7293,
17.2305

 31.8630, -21.5396,
15.0192

 30.9857, -25.6624,
17.9039

 32.3618, -19.2598,
13.4713

 30.8430, -26.3436,
18.3639

 32.9703, -16.5346,
11.6384

 30.8374, -26.3701,
18.3814

 33.6893, -13.3879,
9.5375

 34.5179, -9.8527,
7.1914

■ 35.4541, -5.9680,
4.6260

■ 36.4946, -1.7754,
1.8692

■ 37.6353, 2.6829,
-1.0514

■ 38.8716, 7.3664,
-4.1095

Harmonies

Analogous

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



31.4711, -12.0473, 19.4358



31.4704, -23.3613, 16.2722



31.4711, -28.4171, 7.1159

Triad

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



31.4711, -23.3618, 16.2724



31.4711, -7.7122, -48.8586



31.4711, 36.8631, 10.5619

Complementary

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



31.4704, -23.3613, 16.2722



21.7371, 29.8715, -18.9687

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.



31.4711, 38.7414, -4.8586



31.4704, -23.3613, 16.2722



31.4711, 10.2296, -46.0545

Square

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



31.4711, -23.3618, 16.2724



31.4711, -20.7881, -33.5449



31.4711, 28.1414, -27.2013



31.4711, 23.4625, 17.6092

Rectangle

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



31.4704, -23.3613, 16.2722



31.4711, -28.5108, -3.9003



31.4711, 28.1414, -27.2013



31.4711, 38.9588, 6.4515

Sweetspot

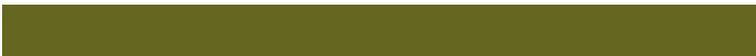
The Sweet Spot groups the original color and five complimentary colors.



31.4711, -23.3618, 16.2724



45.4809, -14.0201, 10.1673



35.1544, -8.9902, 19.3182



21.9879, -7.2440, 5.2263



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.



31.4711, -23.3618, 16.2724



41.1035, -33.6488, 23.4640



31.9499, -20.4333, 9.2745



17.7307, -2.8399, 2.2175



34.9451, -29.8930, 20.8521



79.7923, -68.3550, 47.8253

Inverse Universe

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



21.7371, 29.8715, -18.9687



26.6376, 46.3621, -29.3596



20.4701, 24.6342, -1.5805



16.9934, 1.0671, -0.3797



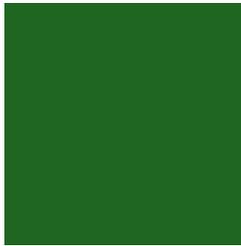
21.8792, 42.7663, -26.9273



49.9440, 97.5888, -61.2004

Previews

White Background



This preview shows how the HunterLab color 31.4704, -23.3613, 16.2722 looks on a white background.

Color Contrast Check

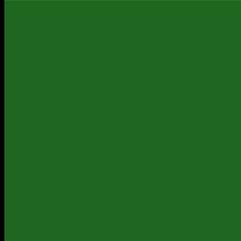
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4704, -23.3613, 16.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

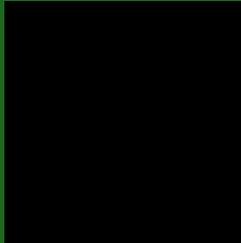
Any Text WCAG AA × Fail

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 31.4704, -23.3613, 16.2722 Background



This preview shows how black text looks on a background with the HunterLab color 31.4704, -23.3613, 16.2722.



This preview shows how white text looks on a background with the HunterLab color 31.4704,

-23.3613, 16.2722.

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

31.4704, -23.3613, 16.2722

Protanopia

31.1782, -3.8537, 16.9339

Deuteranopia

31.2063, 1.6921, 15.6120



Tritanopia

31.3716, -10.2021, -5.0990

Trichromacy



Original Color

31.4704, -23.3613, 16.2722

Protanomaly

30.6240, -12.9495, 16.2656

Deuteranomaly

30.6024, -9.9922, 15.2911

Tritanomaly

31.3034, -16.3529, 5.3510

Monochromacy



Original Color

31.4704, -23.3613, 16.2722

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.4694, -11.1687, 8.0909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4704, -23.3613, 16.2722 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(31, 102, 33)` looks like.

```
.text, #text, p{  
    color:rgb(31, 102, 33)  
}
```

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(31, 102, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 102, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4704, -23.3613, 16.2722 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(31, 102, 33) }
```

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

```
.border{ border-color:rgb(31, 102, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 102, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 102, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 102, 33);  
box-shadow:4px 4px 4px 4px rgb(31, 102,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4704, -23.3613, 16.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 102, 33) }
```

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

```
.background{ background-color: rgb(31, 102,  
33) }
```

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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