

Converting Colors

HunterLab(31.6026, 2.1953,
16.7264)

Have a look what the booklet for
HunterLab(31.6026, 2.1953,
16.7264) contains.

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Color

**HunterLab(31.7131, 2.0223,
16.7475)**

Conversions

Conversions Part 1

Format	Color
Hex	705522
RGB	112, 85, 34
RGB Percent	44%, 33%, 13%
CMY	0.5608, 0.6667, 0.8667
CMYK	0.00, 0.24, 0.70, 0.56
HSL	39°, 53%, 29%
HSV	39°, 70%, 44%
XYZ	10.2193, 10.0572, 2.9160
YIQ	87.2590, 32.4630, -10.1370

Conversions

Conversions Part 2

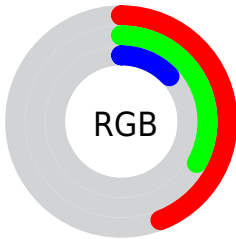
Format	Color
R_{YB}	75, 112, 34
Decimal	7361826
CIE Lab	37.95, 5.23, 33.17
CIE LCh	38, 33.581, 81.036
Yxy	10.0577, 0.4406, 0.4336
Android (android.graphics.Color)	4285551906 (0xFF705522)
YUV	87.2590, -26.2567, 21.6979
Hunter-Lab	31.7131, 2.0223, 16.7475

Details

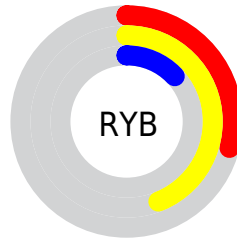
The HunterLab color **31.7131, 2.0223, 16.7475** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **22.0164, 4.0603, -27.6436**, and the grayscale version is **31.0524, -1.6569, 1.6871**.

A 20% lighter version of the original color is **50.7457, 1.7230, 22.2041**, and **15.8420, 2.5102, 9.8057** is the 20% darker color. If you saturate the color by 10%, you get **30.6749, 3.2679, 17.4122**, and if you desaturate by 10%, it is **32.8031, 0.9385, 15.7055**.

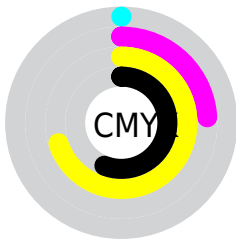
Distribution



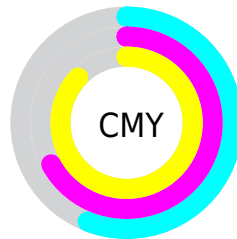
- Red (44%)
- Green (33%)
- Blue (13%)



- Red (29%)
- Yellow (44%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (56%)



- Cyan (56%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7131, 2.0223, 16.7475 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 31.7131, 2.0223, 16.7475 by changing the saturation by 10% instead.

■ 31.7131, 2.0223,
16.7475

■ 31.7131, 2.0223,
16.7475

138.2329, -1.3995,
38.7370

■ 23.3179, 2.1244,
13.6476

■ 50.8959, 1.6045,
22.3226

■ 15.8304, 2.1402,
11.0813

■ 61.5618, 1.3089,
24.8921

■ 9.3790, 2.0441,
6.5653

■ 72.8835, 0.9629,
27.3585

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8249, 0.5707,
29.7432

0.0000, NaN, NaN

■ 97.3555, 0.1357,
32.0623

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4487, -0.3392,

34.3281

0.0000, NaN, NaN

124.0814, -0.8516,
36.5504

31.7131, 2.0223,
16.7475

31.7131, 2.0223,
16.7475

30.6749, 3.2679,
17.4122

32.8031, 0.9385,
15.7055

29.6869, 4.6724,
17.7053

33.9413, 0.0233,
14.2890

28.7401, 6.1701,
17.7937

35.1267, -0.7257,
12.5087

28.7066, 6.2238,
17.7978

36.3575, -1.3119,
10.3792

37.6316, -1.7404,
7.9175

■ 38.9471, -2.0175,
5.1422

■ 40.3020, -2.1501,
2.0720

■ 41.6943, -2.1457,
-1.2742

■ 43.1222, -2.0117,
-4.8783

Harmonies

Analogous

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



31.7139, 14.3370, 14.5813



31.7131, 2.0223, 16.7475



31.7139, -9.6354, 16.2328

Triad

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



31.7139, 2.0209, 16.7478



31.7139, -20.6510, -7.3100



31.7139, 18.5436, -15.6244

Complementary

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



31.7131, 2.0223, 16.7475



22.0164, 4.0603, -27.6436

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.



31.7139, 7.1153, -26.7303



31.7131, 2.0223, 16.7475



31.7139, -15.0622, -20.8100

Square

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



31.7139, 2.0209, 16.7478



31.7139, -21.5922, 4.9909



31.7139, -5.2451, -28.9198



31.7139, 24.7745, -1.9271

Rectangle

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



31.7131, 2.0223, 16.7475



31.7139, -15.5935, 14.3116



31.7139, -5.2451, -28.9198



31.7139, 15.1081, -19.9701

Sweetspot

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



31.7139, 2.0209, 16.7478



49.5515, -2.2141, 11.1498



22.2014, 26.3082, 2.2370



24.1129, -1.0312, 5.8093



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



31.7139, 2.0209, 16.7478



39.7908, 5.5299, 23.3878



37.9871, -13.0425, 20.8169



19.3165, -1.0047, 2.4519



30.7954, 6.8277, 19.0955



67.5176, 17.6157, 41.9124

Inverse Universe

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



22.0164, 4.0603, -27.6436



24.6583, 10.5399, -49.3728



16.9939, 18.6830, -42.6832



18.6329, -0.9625, -0.4813



17.2391, 13.2245, -50.0954



36.5114, 34.5645, -120.2510

Previews

White Background



This preview shows how the HunterLab color 31.7131, 2.0223, 16.7475 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 31.7131, 2.0223, 16.7475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

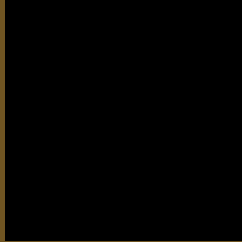
Any Text WCAG AA × Fail

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 31.7131, 2.0223, 16.7475 Background



This preview shows how black text looks on a background with the HunterLab color 31.7131, 2.0223, 16.7475.



This preview shows how white text looks on a background with the HunterLab color 31.7131, 2.0223,

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

31.7131, 2.0223, 16.7475

Protanopia

31.8481, -4.0861, 16.5929

Deuteranopia

31.7131, 2.0223, 16.7475



Tritanopia

31.8154, 10.2509, 3.3770

Trichromacy



Original Color

31.7131, 2.0223, 16.7475

Protanomaly

31.6920, -1.9426, 16.5197

Deuteranomaly

31.7131, 2.0223, 16.7475

Tritanomaly

31.7564, 6.8222, 9.7733

Monochromacy



Original Color

31.7131, 2.0223, 16.7475

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.9188, -1.0232, 8.5470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7131, 2.0223, 16.7475 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(112, 85, 34)` looks like.

```
.text, #text, p{  
    color:rgb(112, 85, 34)  
}
```

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(112, 85, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 85, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7131, 2.0223, 16.7475 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(112, 85, 34) }
```


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

```
.border{ border-color:rgb(112, 85, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 85, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 85, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 85, 34);  
box-shadow:4px 4px 4px 4px rgb(112, 85,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7131, 2.0223, 16.7475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 85, 34) }
```

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

```
.background{ background-color: rgb(112, 85,  
34) }
```

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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