

Converting Colors

HunterLab(14.4123, 44.0178,
1.2541)

Have a look what the booklet for
HunterLab(14.4123, 44.0178,
1.2541) contains.

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Color

**HunterLab(17.5962, 31.0046,
4.6213)**

Conversions

Conversions Part 1

Format	Color
Hex	680028
RGB	104, 0, 40
RGB Percent	41%, 0%, 16%
CMY	0.5922, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.62, 0.59
HSL	337°, 100%, 20%
HSV	337°, 100%, 41%
XYZ	6.0919, 3.0963, 2.2840
YIQ	35.6560, 49.1440, 34.4880

Conversions

Conversions Part 2

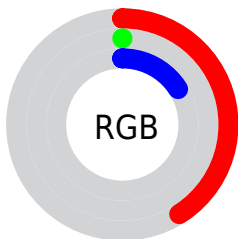
Format	Color
R_{YB}	104, 0, 40
Decimal	6815784
CIE _{Lab}	20.43, 43.09, 7.64
CIE _{LCh}	20, 43.762, 10.061
Yxy	3.0965, 0.5310, 0.2699
Android (android.graphics.Color)	4285005864 (0xFF680028)
YUV	35.6560, 2.1416, 59.9377
Hunter-Lab	17.5962, 31.0046, 4.6213

Details

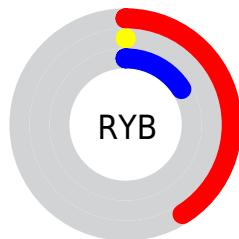
The HunterLab color **17.5962, 31.0046, 4.6213** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32.0483, -23.3563, 10.3631**, and the grayscale version is **13.1567, -0.7020, 0.7148**.

A 20% lighter version of the original color is **33.8629, 34.5981, 6.4242**, and **8.7251, 14.9922, 5.2485** is the 20% darker color. If you saturate the color by 10%, you get **17.5960, 31.0042, 4.6228**, and if you desaturate by 10%, it is **18.3562, 29.3630, 3.3419**.

Distribution



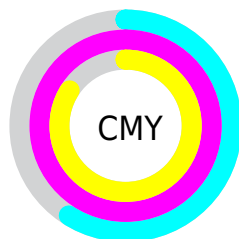
- Red (41%)
- Green (0%)
- Blue (16%)



- Red (41%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5962, 31.0046, 4.6213 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 17.5962, 31.0046, 4.6213 by changing the saturation by 10% instead.

■ 17.5962, 31.0046,
4.6213

■ 17.5962, 31.0046,
4.6213

■ 113.7806, 43.4310,
13.6540

■ 10.8733, 29.2733,
3.6729

■ 33.9260, 34.5201,
6.6147

■ 2.1719, 88.5192,
1.5204

■ 43.3332, 36.1238,
7.5951

0.0000, INF, NaN

0.0000, NaN, NaN

■ 53.4781, 37.6071,
8.5780

0.0000, NaN, NaN

■ 64.3103, 38.9743,
9.5683

0.0000, NaN, NaN

■ 75.7888, 40.2328,
10.5693


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.8790, 41.3903,


11.5830


0.0000, NaN, NaN


 100.5515, 42.4541,
12.6109


 17.5962, 31.0046,
4.6213


 17.5962, 31.0046,
4.6213


 17.5960, 31.0042,
4.6228

 18.3562, 29.3630,
3.3419

 19.3070, 27.3393,
2.1057

 20.6200, 24.5030,
1.1586

 22.2712, 21.0945,
0.5342

 24.2235, 17.3491,
0.2228

■ 26.4364, 13.4481,
0.1898

■ 28.8719, 9.5112,
0.3921

■ 31.4968, 5.6070,
0.7879

■ 34.2834, 1.7695,
1.3412

Harmonies

Analogous

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



17.5967, 29.2130, -9.2174



17.5962, 31.0046, 4.6213



17.5967, 22.5320, 10.6565

Triad

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



17.5967, 31.0025, 4.6218



17.5967, -14.2966, 11.9118



17.5967, -8.6695, -39.1815

Complementary

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



17.5962, 31.0046, 4.6213



32.0483, -23.3563, 10.3631

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.



17.5967, -16.2600, -22.2046



17.5962, 31.0046, 4.6213



17.5967, -18.7952, 7.2842

Square

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



17.5967, 31.0025, 4.6218



17.5967, -5.0919, 12.3177



17.5967, -19.3910, -3.7160



17.5967, 3.6368, -42.1353

Rectangle

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



17.5962, 31.0046, 4.6213



17.5967, 13.3325, 12.3177



17.5967, -19.3910, -3.7160



17.5967, -11.7460, -34.5470

Sweetspot

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



17.5967, 31.0025, 4.6218



37.9564, 13.0426, 0.4857



14.2720, 31.4404, -45.0623



18.2440, 7.2394, 0.1876



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.



17.5967, 31.0025, 4.6218



23.2616, 40.9011, 6.7771



17.8018, 27.2237, 11.4451



16.9182, 0.6631, 0.6894



19.5211, 34.3669, 5.3546



44.4012, 77.8247, 14.8441

Inverse Universe

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



17.5967, 31.0025, 4.6218



23.2616, 40.9011, 6.7771



29.8900, -13.6927, -7.8002



16.9182, 0.6631, 0.6894



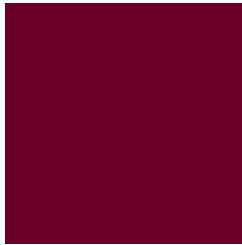
19.5211, 34.3669, 5.3546



44.4012, 77.8247, 14.8441

Previews

White Background



This preview shows how the HunterLab color 17.5962, 31.0046, 4.6213 looks on a white background.

Color Contrast Check

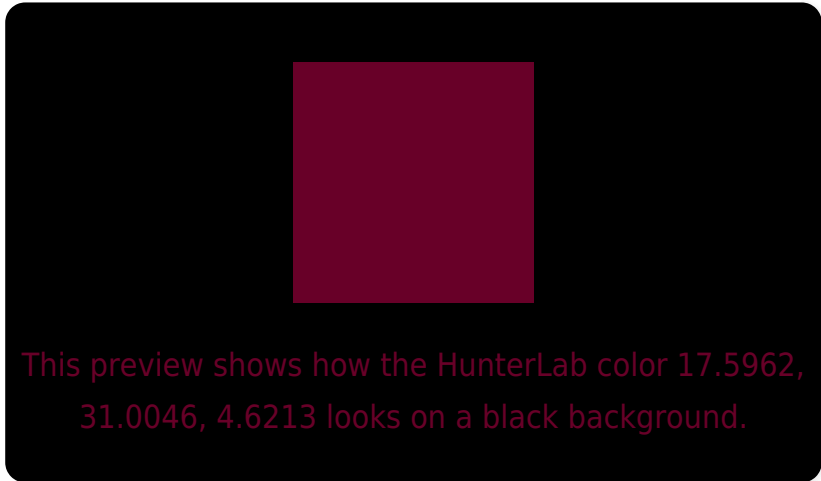
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

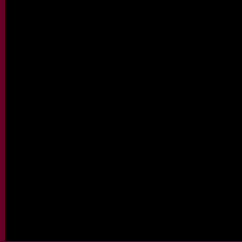
Any Text WCAG AA × Fail

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 17.5962, 31.0046, 4.6213 Background



This preview shows how black text looks on a background with the HunterLab color 17.5962, 31.0046, 4.6213.



This preview shows how white text looks on a background with the HunterLab color 17.5962, 31.0046,

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

17.5962, 31.0046, 4.6213

Protanopia

18.9963, -0.3082, -0.7939

Deuteranopia

18.9341, 0.9606, 6.4575



Tritanopia

18.1346, 25.9944, 10.1519

Trichromacy



Original Color

17.5962, 31.0046, 4.6213

Protanomaly

16.6156, 12.1975, -0.7239

Deuteranomaly

16.8192, 13.8126, 4.4358

Tritanomaly

17.7949, 27.7097, 8.5710

Monochromacy



Original Color

17.5962, 31.0046, 4.6213

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1851, 11.6484, 0.4580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5962, 31.0046, 4.6213 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(104, 0, 40)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 40)  
}
```

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(104, 0, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5962, 31.0046, 4.6213 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(104, 0, 40) }
```


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

```
.border{ border-color:rgb(104, 0, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 0, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 40);  
box-shadow:4px 4px 4px 4px rgb(104, 0, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5962, 31.0046, 4.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 40) }
```

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

```
.background{ background-color: rgb(104, 0,  
40) }
```

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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