

Converting Colors

HunterLab(21.4507, 30.7161,
-2.9596)

Have a look what the booklet for
HunterLab(21.4507, 30.7161,
-2.9596) contains.

HunterLab(21.4660, 30.6167, -3.1706)	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(21.4660, 30.6167,
-3.1706)**

Conversions

Conversions Part 1

Format	Color
Hex	701948
RGB	112, 25, 72
RGB Percent	44%, 10%, 28%
CMY	0.5608, 0.9019, 0.7176
CMYK	0.00, 0.78, 0.36, 0.56
HSL	328°, 63%, 27%
HSV	328°, 78%, 44%
XYZ	8.1994, 4.6079, 6.5882
YIQ	56.3710, 36.7650, 33.0610

Conversions

Conversions Part 2

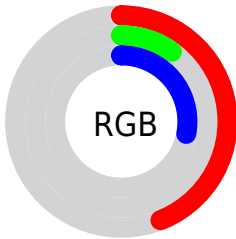
Format	Color
R_{YB}	112, 25, 72
Decimal	7346504
CIE _{Lab}	25.59, 41.67, -6.81
CIE _{LCh}	26, 42.225, 350.713
Yxy	4.6081, 0.4227, 0.2376
Android (android.graphics.Color)	4285536584 (0xFF701948)
YUV	56.3710, 7.7051, 48.7866
Hunter-Lab	21.4660, 30.6167, -3.1706

Details

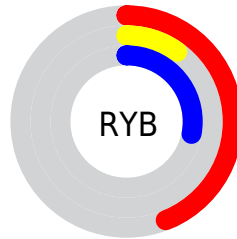
The HunterLab color **21.4660, 30.6167, -3.1706** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34.8953, -24.4949, 12.5750**, and the grayscale version is **19.9794, -1.0661, 1.0855**.

A 20% lighter version of the original color is **38.7561, 33.7374, -2.7120**, and **10.2439, 18.4089, -0.0933** is the 20% darker color. If you saturate the color by 10%, you get **20.3889, 33.0020, -2.2322**, and if you desaturate by 10%, it is **22.9280, 27.3280, -3.6216**.

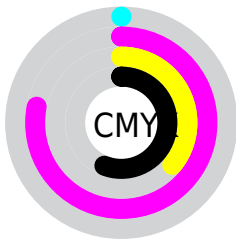
Distribution



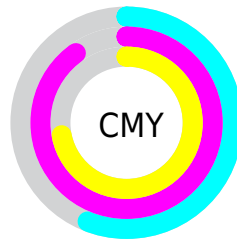
- Red (44%)
- Green (10%)
- Blue (28%)



- Red (44%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (78%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4660, 30.6167, -3.1706 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 21.4660, 30.6167, -3.1706 by changing the saturation by 10% instead.

21.4660, 30.6167,
-3.1706

21.4660, 30.6167,
-3.1706

120.8194, 42.1279,
-0.6647

14.2100, 28.8433,
-3.1187

38.6862, 33.9489,
-3.0175

7.8652, 28.4330,
-3.2549

48.4811, 35.4378,
-2.8363

0.0000, INF, NaN

58.9863, 36.8073,
-2.5956

0.0000, NaN, NaN

70.1568, 38.0645,
-2.3012

0.0000, NaN, NaN

81.9551, 39.2178,
-1.9575

0.0000, NaN, NaN

94.3492, 40.2748,

0.0000, NaN, NaN

-1.5682

0.0000, NaN, NaN

107.3120, 41.2427,
-1.1364

21.4660, 30.6167,
-3.1706

21.4660, 30.6167,
-3.1706

20.3889, 33.0020,
-2.2322

22.9280, 27.3280,
-3.6216

19.6108, 34.5996,
-0.9591

24.7470, 23.4082,
-3.6100

19.4328, 34.9856,
-0.6698

26.8846, 19.1121,
-3.1976

29.2985, 14.6371,
-2.4591

31.9493, 10.1142,
-1.4645

■ 34.8023, 5.6199,
-0.2721

■ 37.8284, 1.1931,
1.0730

■ 41.0039, -3.1507,
2.5367

■ 44.3093, -7.4095,
4.0938

Harmonies

Analogous

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



21.4666, 22.6257, -20.8333



21.4660, 30.6167, -3.1706



21.4666, 28.6203, 8.1493

Triad

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



21.4666, 30.6150, -3.1699



21.4666, -9.5120, 14.1343



21.4666, -15.1333, -27.7298

Complementary

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



21.4660, 30.6167, -3.1706



34.8953, -24.4949, 12.5750

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.



21.4666, -20.3053, -9.4195



21.4660, 30.6167, -3.1706



21.4666, -17.6554, 11.6089

Square

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



21.4666, 30.6150, -3.1699



21.4666, 3.1667, 14.5544



21.4666, -21.0990, 4.7559



21.4666, -5.1441, -39.7557

Rectangle

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



21.4660, 30.6167, -3.1706



21.4666, 22.0520, 11.7891



21.4666, -21.0990, 4.7559



21.4666, -17.3789, -21.7203

Sweetspot

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



21.4666, 30.6150, -3.1699



43.8558, 10.9722, -1.3256



17.2061, 25.8762, -41.7675



20.9701, 6.2216, -0.8653



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.



21.4666, 30.6150, -3.1699



26.2679, 45.2127, -1.5838



20.5687, 26.9743, 9.7291



18.5171, 0.8791, 0.4389



20.8831, 37.5763, -0.5623



46.4203, 83.1812, 1.4305

Inverse Universe

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



21.4666, 30.6150, -3.1699



26.2679, 45.2127, -1.5838



35.8753, -18.5818, -1.5052



18.5171, 0.8791, 0.4389



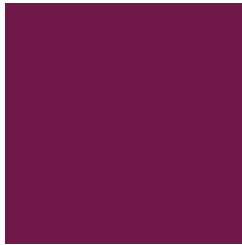
20.8831, 37.5763, -0.5623



46.4203, 83.1812, 1.4305

Previews

White Background



This preview shows how the HunterLab color 21.4660, 30.6167, -3.1706 looks on a white background.

Color Contrast Check

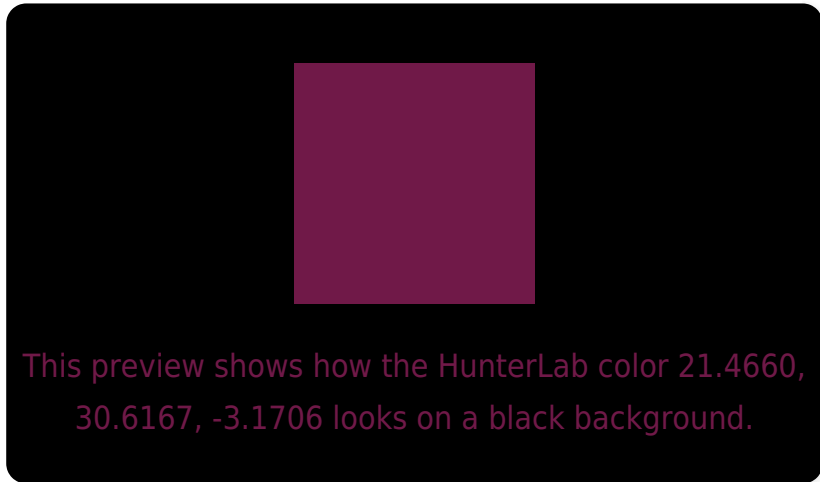
Large Text (above 18pt) WCAG AA ✓ Pass

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

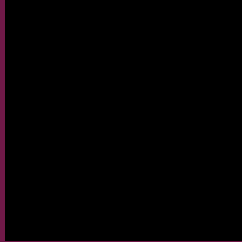
Any Text WCAG AA × Fail

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 21.4660, 30.6167, -3.1706 Background



This preview shows how black text looks on a background with the HunterLab color 21.4660, 30.6167, -3.1706.



This preview shows how white text looks on a background with the HunterLab color 21.4660, 30.6167, -3.1706.

-3.1706.

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

21.4660, 30.6167, -3.1706

Protanopia

22.0457, 2.6770, -16.1306

Deuteranopia

22.1655, 1.1447, -0.9502



Tritanopia

21.7179, 22.9058, 8.7774

Trichromacy



Original Color

21.4660, 30.6167, -3.1706

Protanomaly

20.5390, 12.0726, -13.1616

Deuteranomaly

20.9346, 11.9522, -2.8366

Tritanomaly

21.5472, 25.6477, 5.4229

Monochromacy



Original Color

21.4660, 30.6167, -3.1706

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.3935, 10.1342, -1.8054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4660, 30.6167, -3.1706 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, 25, 72)` looks like.

```
.text, #text, p{  
    color:rgb(112, 25, 72)  
}
```

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, 25, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 25, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4660, 30.6167, -3.1706 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, 25, 72) }
```


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

```
.border{ border-color:rgb(112, 25, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 25, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 25, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 25, 72);  
box-shadow:4px 4px 4px 4px rgb(112, 25,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.4660, 30.6167, -3.1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 25, 72) }
```

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

```
.background{ background-color: rgb(112, 25,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor