

Converting Colors

HunterLab(20.0447, 35.4008,
4.6305)

Have a look what the booklet for
HunterLab(20.0447, 35.4008,
4.6305) contains.

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Color

**HunterLab(19.9883, 35.2981,
4.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	750030
RGB	117, 0, 48
RGB Percent	46%, 0%, 19%
CMY	0.5412, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.59, 0.54
HSL	335°, 100%, 23%
HSV	335°, 100%, 46%
XYZ	7.8696, 3.9953, 3.1527
YIQ	40.4550, 54.3240, 39.7320

Conversions

Conversions Part 2

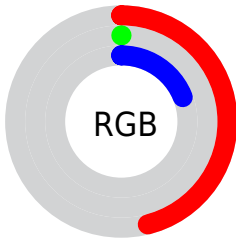
Format	Color
R_{YB}	117, 0, 48
Decimal	7667760
CIE Lab	23.66, 46.99, 6.96
CIE LCh	24, 47.505, 8.423
Yxy	3.9956, 0.5240, 0.2661
Android (android.graphics.Color)	4285857840 (0xFF750030)
YUV	40.4550, 3.7197, 67.1300
Hunter-Lab	19.9883, 35.2981, 4.6401

Details

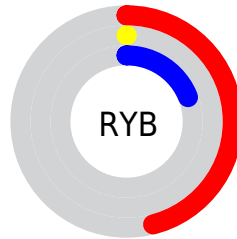
The HunterLab color **19.9883, 35.2981, 4.6401** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.2663, -26.8667, 12.6691**, and the grayscale version is **14.6921, -0.7839, 0.7983**.

A 20% lighter version of the original color is **36.8611, 38.9591, 6.3625**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **19.9881, 35.2975, 4.6421**, and if you desaturate by 10%, it is **20.7673, 33.7199, 3.1034**.

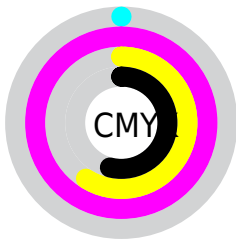
Distribution



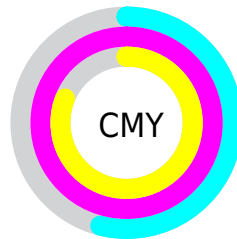
- Red (46%)
- Green (0%)
- Blue (19%)



- Red (46%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9883, 35.2981, 4.6401 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 19.9883, 35.2981, 4.6401 by changing the saturation by 10% instead.

■ 19.9883, 35.2981,
4.6401

■ 19.9883, 35.2981,
4.6401

■ 118.1696, 48.6338,
13.3370

■ 12.9270, 33.4781,
3.6682

■ 36.8810, 38.9862,
6.5204

■ 6.3626, 37.6167,
4.4538

■ 46.5327, 40.6879,
7.4579

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.9046, 42.2740,
8.4033

0.0000, NaN, NaN

■ 67.9497, 43.7470,
9.3602

0.0000, NaN, NaN

■ 79.6294, 45.1127,
10.3307

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.9107, 46.3781,


11.3164


0.0000, NaN, NaN


 104.7657, 47.5497,
12.3183


 19.9883, 35.2981,
4.6401


 19.9883, 35.2981,
4.6401


 19.9881, 35.2975,
4.6421

 20.7673, 33.7199,
3.1034

 21.8101, 31.5198,
1.6793

 23.2735, 28.3398,
0.6171

 25.1321, 24.4571,
-0.0459

 27.3437, 20.1529,
-0.3257

■ 29.8611, 15.6478,
-0.2686

■ 32.6395, 11.0889,
0.0704

■ 35.6397, 6.5615,
0.6386

■ 38.8289, 2.1081,
1.3913

Harmonies

Analogous

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



19.9889, 32.6062, -11.5456



19.9883, 35.2981, 4.6401



19.9889, 26.2568, 11.6562

Triad

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



19.9889, 35.2958, 4.6406



19.9889, -15.7792, 13.2519



19.9889, -10.4390, -43.5645

Complementary

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



19.9883, 35.2981, 4.6401



36.2663, -26.8667, 12.6691

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.



19.9889, -18.7461, -23.8836



19.9883, 35.2981, 4.6401



19.9889, -21.1511, 8.6673

Square

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



19.9889, 35.2958, 4.6406



19.9889, -5.0431, 13.9922



19.9889, -22.0526, -3.2665



19.9889, 3.2451, -47.9944

Rectangle

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



19.9883, 35.2981, 4.6401



19.9889, 15.9972, 13.9267



19.9889, -22.0526, -3.2665



19.9889, -13.8232, -38.0659

Sweetspot

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



19.9889, 35.2958, 4.6406



43.3740, 15.3177, 0.0466



15.8832, 35.2821, -52.4181



20.1973, 8.3085, -0.0632



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.9889, 35.2958, 4.6406



26.6993, 47.0574, 6.9107



19.9845, 31.4993, 12.8648



19.2963, 0.8325, 0.7253



20.9736, 37.0245, 4.9748



46.1248, 81.0918, 13.5128

Inverse Universe

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



19.9889, 35.2958, 4.6406



26.6993, 47.0574, 6.9107



34.4270, -16.2022, -8.0536



19.2963, 0.8325, 0.7253



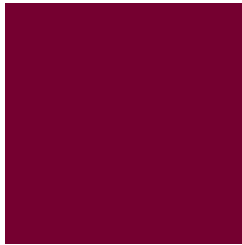
20.9736, 37.0245, 4.9748



46.1248, 81.0918, 13.5128

Previews

White Background



This preview shows how the HunterLab color 19.9883, 35.2981, 4.6401 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

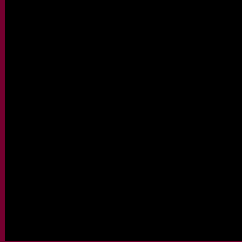
Any Text WCAG AA × Fail

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 19.9883, 35.2981, 4.6401 Background



This preview shows how black text looks on a background with the HunterLab color 19.9883, 35.2981, 4.6401.



This preview shows how white text looks on a background with the HunterLab color 19.9883, 35.2981,

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

19.9883, 35.2981, 4.6401

Protanopia

21.3856, -0.1461, -2.8892

Deuteranopia

21.3968, 1.1105, 6.8710



Tritanopia

20.5485, 29.5774, 11.5285

Trichromacy



Original Color

19.9883, 35.2981, 4.6401

Protanomaly

18.4290, 14.1158, -3.0592

Deuteranomaly

18.9402, 15.4820, 4.1703

Tritanomaly

20.1610, 31.6144, 9.5582

Monochromacy



Original Color

19.9883, 35.2981, 4.6401

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4866, 13.6783, -0.1879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9883, 35.2981, 4.6401 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(117, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 48)  
}
```

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(117, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9883, 35.2981, 4.6401 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(117, 0, 48) }
```


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

```
.border{ border-color:rgb(117, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(117, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9883, 35.2981, 4.6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 48) }
```

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

```
.background{ background-color: rgb(117, 0,  
48) }
```

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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