

Converting Colors

HunterLab(19.9923, 35.2087,
5.3892)

Have a look what the booklet for
HunterLab(19.9923, 35.2087,
5.3892) contains.

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Color

**HunterLab(19.9478, 35.1501,
5.2246)**

Conversions

Conversions Part 1

Format	Color
Hex	75002E
RGB	117, 0, 46
RGB Percent	46%, 0%, 18%
CMY	0.5412, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.61, 0.54
HSL	336°, 100%, 23%
HSV	336°, 100%, 46%
XYZ	7.8292, 3.9791, 2.9401
YIQ	40.2270, 54.9660, 39.1100

Conversions

Conversions Part 2

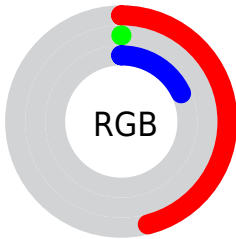
Format	Color
R_{YB}	117, 0, 46
Decimal	7667758
CIE _{Lab}	23.60, 46.85, 8.28
CIE _{LCh}	24, 47.576, 10.021
Yxy	3.9794, 0.5308, 0.2698
Android (android.graphics.Color)	4285857838 (0xFF75002E)
YUV	40.2270, 2.8461, 67.3299
Hunter-Lab	19.9478, 35.1501, 5.2246

Details

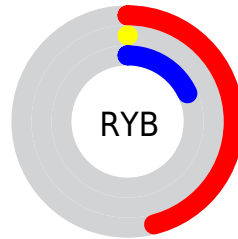
The HunterLab color **19.9478, 35.1501, 5.2246** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.3010, -26.6521, 12.1624**, and the grayscale version is **14.6207, -0.7801, 0.7944**.

A 20% lighter version of the original color is **36.7894, 38.6456, 7.3951**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **19.9476, 35.1495, 5.2266**, and if you desaturate by 10%, it is **20.7264, 33.5648, 3.6895**.

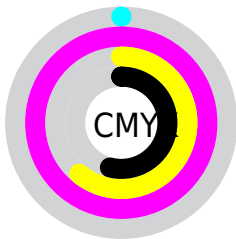
Distribution



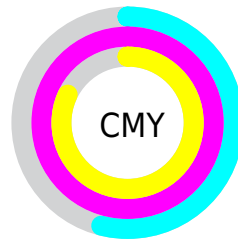
- Red (46%)
- Green (0%)
- Blue (18%)



- Red (46%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9478, 35.1501, 5.2246 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 19.9478, 35.1501, 5.2246 by changing the saturation by 10% instead.

19.9478, 35.1501,
5.2246

19.9478, 35.1501,
5.2246

118.0964, 48.4478,
14.5922

12.8920, 33.3319,
4.1303

36.8313, 38.8312,
7.3009

6.3158, 37.6430,
4.4211

46.4790, 40.5286,
8.3214

0.0000, INF, NaN

0.0000, NaN, NaN

56.8472, 42.1103,
9.3429

0.0000, NaN, NaN

67.8888, 43.5788,
10.3705

0.0000, NaN, NaN

79.5652, 44.9401,
11.4073


0.0000, NaN, NaN


0.0000, NaN, NaN


91.8434, 46.2009,


12.4556


0.0000, NaN, NaN


 104.6953, 47.3681,
13.5169


 19.9478, 35.1501,
5.2246


 19.9478, 35.1501,
5.2246


 19.9476, 35.1495,
5.2266

 20.7264, 33.5648,
3.6895

 21.7705, 31.3622,
2.2453

 23.2366, 28.1851,
1.1409

 25.0993, 24.3115,
0.4193

 27.3157, 20.0223,
0.0700

■ 29.8385, 15.5376,
0.0513

■ 32.6224, 11.0029,
0.3111

■ 35.6283, 6.5025,
0.7989

■ 38.8231, 2.0781,
1.4711

Harmonies

Analogous

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



19.9484, 33.1033, -10.4747



19.9478, 35.1501, 5.2246



19.9484, 25.5591, 11.8651

Triad

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



19.9484, 35.1478, 5.2251



19.9484, -16.1962, 13.0784



19.9484, -9.8424, -44.3952

Complementary

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



19.9478, 35.1501, 5.2246



36.3010, -26.6521, 12.1624

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.



19.9484, -18.4397, -25.1396



19.9478, 35.1501, 5.2246



19.9484, -21.3023, 8.2674

Square

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



19.9484, 35.1478, 5.2251



19.9484, -5.7547, 13.9639



19.9484, -21.9831, -4.1893



19.9484, 4.1014, -47.7697

Rectangle

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



19.9478, 35.1501, 5.2246



19.9484, 15.1347, 13.9639



19.9484, -21.9831, -4.1893



19.9484, -13.3274, -39.1355

Sweetspot

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



19.9484, 35.1478, 5.2251



43.3508, 15.1997, 0.3771



16.1069, 35.5531, -51.4027



20.1850, 8.2467, 0.1122



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.



19.9484, 35.1478, 5.2251



26.6460, 46.8621, 7.6827



20.0945, 31.1386, 12.9263



19.2938, 0.8191, 0.7609



20.9313, 36.8696, 5.5869



46.0346, 80.7609, 14.8222

Inverse Universe

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



19.9484, 35.1478, 5.2251



26.6460, 46.8621, 7.6827



33.8363, -15.4632, -8.9106



19.2938, 0.8191, 0.7609



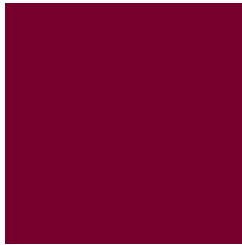
20.9313, 36.8696, 5.5869



46.0346, 80.7609, 14.8222

Previews

White Background



This preview shows how the HunterLab color 19.9478, 35.1501, 5.2246 looks on a white background.

Color Contrast Check

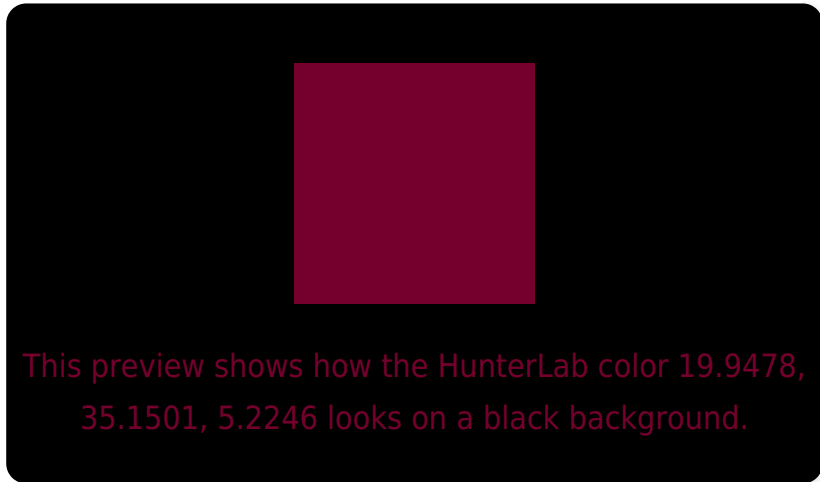
Large Text (above 18pt) WCAG AA ✓ Pass

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

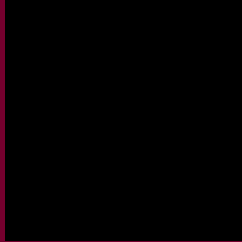
Any Text WCAG AA × Fail

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 19.9478, 35.1501, 5.2246 Background



This preview shows how black text looks on a background with the HunterLab color 19.9478, 35.1501, 5.2246.



This preview shows how white text looks on a background with the HunterLab color 19.9478, 35.1501,

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

19.9478, 35.1501, 5.2246

Protanopia

21.3700, -0.3727, -1.5713

Deuteranopia

21.3633, 0.9303, 7.3582



Tritanopia

20.4599, 29.8019, 11.5923

Trichromacy



Original Color

19.9478, 35.1501, 5.2246

Protanomaly

18.4593, 14.0227, -1.6699

Deuteranomaly

18.9004, 15.2987, 4.7446

Tritanomaly

20.0903, 31.7607, 9.6934

Monochromacy



Original Color

19.9478, 35.1501, 5.2246

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4616, 13.5660, 0.1680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9478, 35.1501, 5.2246 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9478, 35.1501, 5.2246 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, 46) }
```


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

```
.border{ border-color:rgb(117, 0, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9478, 35.1501, 5.2246 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, 46) }
```

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

```
.background{ background-color: rgb(117, 0,  
46) }
```

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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