

Converting Colors

HunterLab(16.0650, 23.8887,
5.7842)

Have a look what the booklet for
HunterLab(16.0650, 23.8887,
5.7842) contains.

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Color

**HunterLab(16.0650, 23.8887,
5.7842)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0C1E
RGB	91, 12, 30
RGB Percent	36%, 5%, 12%
CMY	0.6431, 0.9529, 0.8824
CMYK	0.00, 0.87, 0.67, 0.64
HSL	346°, 77%, 20%
HSV	346°, 87%, 36%
XYZ	4.6802, 2.5808, 1.4798
YIQ	37.6730, 41.3060, 22.3460

Conversions

Conversions Part 2

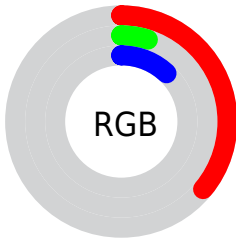
Format	Color
RYB	91, 12, 30
Decimal	5966878
CIELab	18.28, 35.50, 11.38
CIElCh	18, 37.281, 17.768
Yxy	2.5810, 0.5354, 0.2953
Android (android.graphics.Color)	4284156958 (0xFF5B0C1E)
YUV	37.6730, -3.7828, 46.7678
Hunter-Lab	16.0650, 23.8887, 5.7842




Details

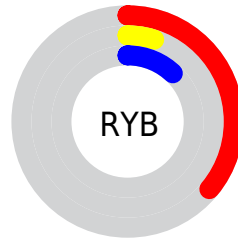
The HunterLab color **16.0650, 23.8887, 5.7842** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28.3575, -17.5507, 3.9851**, and the grayscale version is **13.8207, -0.7374, 0.7509**.




A 20% lighter version of the original color is **32.0294, 26.9309, 8.5397**, and **6.8819, 11.8173, 4.2001** is the 20% darker color. If you saturate the color by 10%, you get **15.3265, 25.5917, 6.7618**, and if you desaturate by 10%, it is **17.0240, 21.7835, 4.7679**.

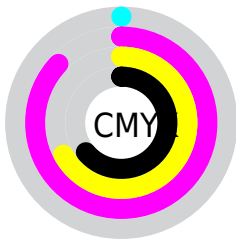
Distribution







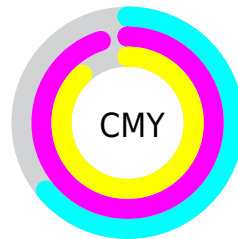
-  Red (36%)
-  Green (5%)
-  Blue (12%)






-  Red (36%)
-  Yellow (5%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (87%)
-  Yellow (67%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (95%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0650, 23.8887, 5.7842 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 16.0650, 23.8887, 5.7842 by changing the saturation by 10% instead.

■ 16.0650, 23.8887,
5.7842

■ 16.0650, 23.8887,
5.7842

■ 110.8971, 34.0186,
16.8447

■ 9.5766, 22.2662,
5.4480

■ 32.0100, 26.9534,
8.3994

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.2513, 28.2942,
9.6332

0.0000, NaN, NaN

■ 51.2424, 29.5084,
10.8450

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9309, 30.6061,
12.0454

0.0000, NaN, NaN


■ 73.2739, 31.5972,
13.2414


0.0000, NaN, NaN


■ 85.2356, 32.4912,


0.0000, NaN, NaN


14.4379


 97.7854, 33.2959,
15.6381


 16.0650, 23.8887,
5.7842


 16.0650, 23.8887,
5.7842


 15.3265, 25.5917,
6.7618


 17.0240, 21.7835,
4.7679

 15.0907, 26.1954,
7.0216

 18.2906, 19.1248,
3.8637

 19.8373, 16.1191,
3.1167

 21.6289, 12.9420,
2.5412

 23.6305, 9.7161,
2.1314

■ 25.8106, 6.5147,
1.8709

■ 28.1426, 3.3754,
1.7396

■ 30.6042, 0.3130,
1.7182

■ 33.1778, -2.6706,
1.7891

Harmonies

Analogous

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



16.0655, 24.6843, -3.8641



16.0650, 23.8887, 5.7842



16.0655, 15.4930, 10.2356

Triad

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



16.0655, 23.8870, 5.7846



16.0655, -13.4576, 9.5788



16.0655, -4.9997, -32.5578

Complementary

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



16.0650, 23.8887, 5.7842



28.3575, -17.5507, 3.9851

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.



16.0655, -12.5061, -21.4995



16.0650, 23.8887, 5.7842



16.0655, -16.4574, 4.5017

Square

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



16.0655, 23.8870, 5.7846



16.0655, -6.6814, 11.2458



16.0655, -16.1623, -6.3411



16.0655, 5.9347, -31.2885

Rectangle

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



16.0650, 23.8887, 5.7842



16.0655, 7.7167, 11.2458



16.0655, -16.1623, -6.3411



16.0655, -7.9425, -29.9628

Sweetspot

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



16.0655, 23.8870, 5.7846



33.7502, 8.5172, 2.4462



15.5503, 27.1389, -27.6801



16.2941, 4.6108, 1.2301



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



16.0655, 23.8870, 5.7846



19.6991, 34.1305, 9.6662



18.2823, 16.1076, 10.4187



15.3481, 0.4741, 0.8744



18.3376, 31.7859, 8.8867



42.7748, 73.8763, 22.8103

Inverse Universe

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



16.0655, 23.8870, 5.7846



19.6991, 34.1305, 9.6662



22.8161, -6.8653, -11.7807



15.3481, 0.4741, 0.8744



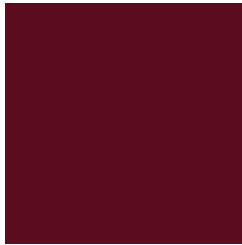
18.3376, 31.7859, 8.8867



42.7748, 73.8763, 22.8103

Previews

White Background



This preview shows how the HunterLab color 16.0650, 23.8887, 5.7842 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

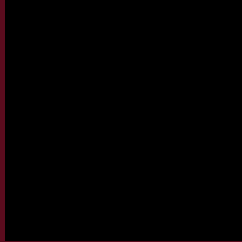
Any Text WCAG AA × Fail

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 16.0650, 23.8887, 5.7842 Background



This preview shows how black text looks on a background with the HunterLab color 16.0650, 23.8887, 5.7842.



This preview shows how white text looks on a background with the HunterLab color 16.0650, 23.8887,

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

16.0650, 23.8887, 5.7842

Protanopia

16.9128, -0.8987, 2.3937

Deuteranopia

16.8846, 0.7904, 6.9863



Tritanopia

16.2149, 22.1075, 8.7260

Trichromacy



Original Color

16.0650, 23.8887, 5.7842

Protanomaly

15.4077, 8.2115, 2.5817

Deuteranomaly

15.7128, 9.6214, 5.9380

Tritanomaly

16.1750, 22.5840, 7.9364

Monochromacy



Original Color

16.0650, 23.8887, 5.7842

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.6746, 7.7904, 1.6682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0650, 23.8887, 5.7842 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(91, 12, 30)` looks like.

```
.text, #text, p{  
    color:rgb(91, 12, 30)  
}
```

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(91, 12, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 12, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0650, 23.8887, 5.7842 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(91, 12, 30) }
```


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

```
.border{ border-color:rgb(91, 12, 30) }
```

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

Here you see how a box with a 4 pixel rgb(91, 12, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 12, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 12, 30);  
box-shadow:4px 4px 4px 4px rgb(91, 12, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0650, 23.8887, 5.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 12, 30) }
```

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

```
.background{ background-color: rgb(91, 12,  
30) }
```

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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