

Converting Colors

HunterLab(18.5997, 15.9610,
6.1612)

Have a look what the booklet for
HunterLab(18.5997, 15.9610,
6.1612) contains.

HunterLab(18.5997, 15.9610, 6.1612)	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(18.5997, 15.9610,
6.1612)**

Conversions

Conversions Part 1

Format	Color
Hex	592325
RGB	89, 35, 37
RGB Percent	35%, 14%, 15%
CMY	0.6510, 0.8627, 0.8549
CMYK	0.00, 0.61, 0.58, 0.65
HSL	358°, 44%, 24%
HSV	358°, 61%, 35%
XYZ	5.0548, 3.4595, 2.1516
YIQ	51.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

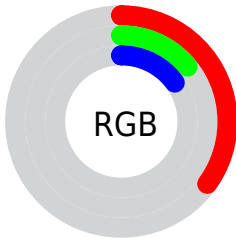
Format	Color
RYB	89, 35, 37
Decimal	5841701
CIELab	21.80, 25.11, 11.10
CIELCh	22, 27.451, 23.846
Yxy	3.4597, 0.4739, 0.3244
Android (android.graphics.Color)	4284031781 (0xFF592325)
YUV	51.3740, -7.0864, 32.9980
Hunter-Lab	18.5997, 15.9610, 6.1612

Details

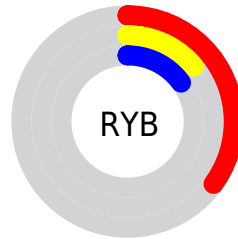
The HunterLab color **18.5997, 15.9610, 6.1612** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28.6187, -12.7467, -1.2701**, and the grayscale version is **18.3365, -0.9784, 0.9963**.

A 20% lighter version of the original color is **35.2059, 17.9691, 8.5648**, and **7.0160, 12.0151, 4.5336** is the 20% darker color. If you saturate the color by 10%, you get **17.1847, 18.8117, 7.0344**, and if you desaturate by 10%, it is **20.2778, 12.9431, 5.2931**.

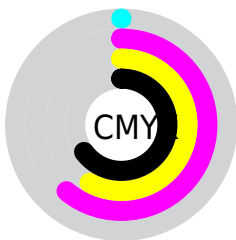
Distribution



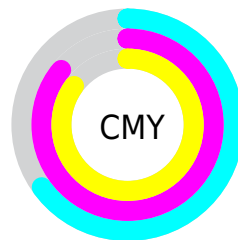
- Red (35%)
- Green (14%)
- Blue (15%)



- Red (35%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (65%)



- Cyan (65%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5997, 15.9610, 6.1612 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 18.5997, 15.9610, 6.1612 by changing the saturation by 10% instead.

■ 18.5997, 15.9610,
6.1612

■ 18.5997, 15.9610,
6.1612

■ 115.6377, 21.8913,
17.0157

■ 11.7310, 14.6897,
4.9454

■ 35.1709, 18.0415,
8.6867

■ 4.4616, 24.2832,
3.1231

■ 44.6827, 18.8795,
9.8926

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.9245, 19.6034,
11.0825

0.0000, NaN, NaN

■ 65.8477, 20.2261,
12.2650

0.0000, NaN, NaN


■ 77.4120, 20.7582,
13.4460


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.5838, 21.2085,


 102.3341, 21.5842,
15.8189


 18.5997, 15.9610,
6.1612


 18.5997, 15.9610,
6.1612


 17.1847, 18.8117,
7.0344


 20.2778, 12.9431,
5.2931

 16.0657, 21.3098,
7.8546

 22.1807, 9.8969,
4.4651

 15.2608, 23.2618,
8.5466

 24.2747, 6.9011,
3.6953

 14.5981, 25.0492,
9.0499

 26.5304, 3.9950,
2.9888

 28.9236, 1.1919,
2.3437

■ 31.4346, -1.5089,
1.7549

■ 34.0476, -4.1155,
1.2157

■ 36.7498, -6.6387,
0.7198

■ 39.5309, -9.0899,
0.2610

Harmonies

Analogous

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



18.6002, 17.6706, -0.6887



18.5997, 15.9610, 6.1612



18.6002, 9.3833, 9.5697

Triad

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



18.6002, 15.9596, 6.1615



18.6002, -12.2001, 7.9240



18.6002, -2.6727, -21.2738

Complementary

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



18.5997, 15.9610, 6.1612



28.6187, -12.7467, -1.2701

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.



18.6002, -9.4994, -15.8787



18.5997, 15.9610, 6.1612



18.6002, -14.3442, 2.5667

Square

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



18.6002, 15.9596, 6.1615



18.6002, -7.0128, 10.2399



18.6002, -13.4500, -6.2259



18.6002, 5.9044, -18.8994

Rectangle

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



18.5997, 15.9610, 6.1612



18.6002, 3.6557, 10.5206



18.6002, -13.4500, -6.2259



18.6002, -5.2265, -20.2542

Sweetspot

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



18.6002, 15.9596, 6.1615



35.3184, 4.4395, 3.7224



19.7895, 21.9211, -15.7381



17.4713, 2.6059, 1.9609



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.



18.6002, 15.9596, 6.1615



21.7323, 26.1726, 9.7041



23.2471, 5.4092, 10.3633



14.5632, 0.3292, 1.1028



17.7220, 30.3984, 11.0718



41.9680, 71.9169, 26.7676

Inverse Universe

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



18.6002, 15.9596, 6.1615



21.7323, 26.1726, 9.7041



21.9660, -2.9321, -12.0263



14.5632, 0.3292, 1.1028



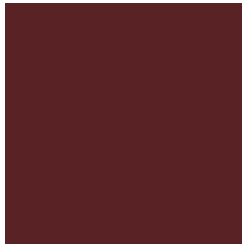
17.7220, 30.3984, 11.0718



41.9680, 71.9169, 26.7676

Previews

White Background



This preview shows how the HunterLab color 18.5997, 15.9610, 6.1612 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

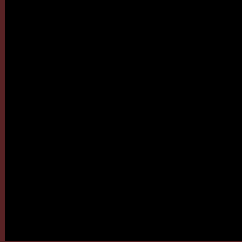
Any Text WCAG AA × Fail

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 18.5997, 15.9610, 6.1612 Background



This preview shows how black text looks on a background with the HunterLab color 18.5997, 15.9610, 6.1612.



This preview shows how white text looks on a background with the HunterLab color 18.5997, 15.9610,

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

18.5997, 15.9610, 6.1612

Protanopia

18.9114, -1.2143, 3.8485

Deuteranopia

18.9027, 0.7917, 6.9148



Tritanopia

18.5997, 15.9610, 6.1612

Trichromacy



Original Color

18.5997, 15.9610, 6.1612

Protanomaly

18.3033, 4.8215, 4.2671

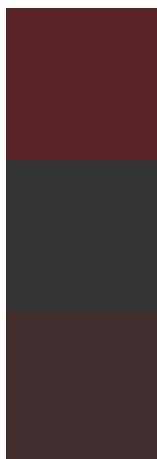
Deuteranomaly

18.4786, 6.1994, 6.3930

Tritanomaly

18.5997, 15.9610, 6.1612

Monochromacy



Original Color

18.5997, 15.9610, 6.1612

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.8825, 4.7549, 2.5325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5997, 15.9610, 6.1612 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(89, 35, 37)` looks like.

```
.text, #text, p{  
    color:rgb(89, 35, 37)  
}
```

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(89, 35, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 35, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5997, 15.9610, 6.1612 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(89, 35, 37) }
```


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

```
.border{ border-color:rgb(89, 35, 37) }
```

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

Here you see how a box with a 4 pixel rgb(89, 35, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 35, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 35, 37);  
box-shadow:4px 4px 4px 4px rgb(89, 35, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5997, 15.9610, 6.1612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 35, 37) }
```

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

```
.background{ background-color: rgb(89, 35,  
37) }
```

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