

Converting Colors

HunterLab(36.2650, 62.9718,
16.7182)

Have a look what the booklet for
HunterLab(36.2650, 62.9718,
16.7182) contains.

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Color

**HunterLab(36.2673, 62.9794,
16.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	CC003B
RGB	204, 0, 59
RGB Percent	80%, 0%, 23%
CMY	0.2000, 0.9998, 0.7686
CMYK	0.00, 1.00, 0.71, 0.20
HSL	343°, 100%, 40%
HSV	343°, 100%, 80%
XYZ	25.6913, 13.1532, 5.3224
YIQ	67.7220, 102.6450, 61.5970

Conversions

Conversions Part 2

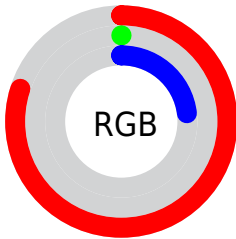
Format	Color
RYB	204, 0, 59
Decimal	13369403
CIELab	42.99, 69.00, 28.59
CIElCh	43, 74.688, 22.504
Yxy	13.1540, 0.5817, 0.2978
Android (android.graphics.Color)	4291559483 (0xFFCC003B)
YUV	67.7220, -4.2999, 119.5158
Hunter-Lab	36.2673, 62.9794, 16.6860

Details

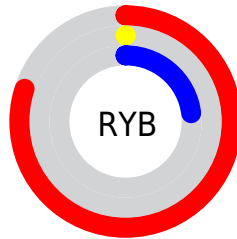
The HunterLab color **36.2673, 62.9794, 16.6860** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.2543, -46.8109, 16.9916**, and the grayscale version is **23.9426, -1.2775, 1.3008**.

A 20% lighter version of the original color is **53.8110, 62.2994, 19.2247**, and **23.8881, 41.0918, 14.0187** is the 20% darker color. If you saturate the color by 10%, you get **36.2667, 62.9777, 16.6922**, and if you desaturate by 10%, it is **37.2037, 61.4583, 13.8153**.

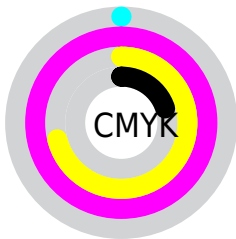
Distribution



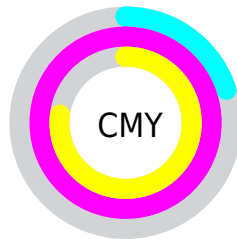
- Red (80%)
- Green (0%)
- Blue (23%)



- Red (80%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (20%)




- Cyan (20%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 36.2673, 62.9794, 16.6860 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 36.2673, 62.9794, 16.6860 by changing the saturation by 10% instead.


 36.2673, 62.9794,
16.6860


 36.2673, 62.9794,
16.6860


145.5686, 80.6882,
35.9344


 27.4494, 60.7213,
14.0830


 56.1962, 67.5007,
21.4432


 19.4902, 58.6891,
11.2911

 67.1981, 69.6631,
23.6673

 12.4964, 57.4049,
8.7475


 78.8368, 71.7342,
25.8196

 5.7576, 70.8823,
4.0303

 91.0792, 73.7098,
27.9156

0.0000, INF, NaN

0.0000, NaN, NaN

 103.8969, 75.5903,
29.9669

0.0000, NaN, NaN

 117.2652, 77.3778,

0.0000, NaN, NaN

31.9827

0.0000, NaN, NaN

131.1622, 79.0759,
33.9700

■ 36.2673, 62.9794,
16.6860

■ 36.2673, 62.9794,
16.6860

■ 36.2667, 62.9777,
16.6922

■ 37.2037, 61.4583,
13.8153

■ 38.8806, 57.9857,
10.8922

■ 41.4369, 52.4406,
8.2750

■ 44.8361, 45.3660,
6.1620

■ 48.9909, 37.3773,
4.6334

■ 53.7970, 28.9722,
3.6777

■ 59.1534, 20.4779,
3.2340

■ 64.9722, 12.0773,
3.2253

■ 71.1807, 3.8548,
3.5768

Harmonies

Analogous

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



36.2684, 68.9921, -5.4197



36.2673, 62.9794, 16.6860



36.2684, 37.3188, 23.6850

Triad

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



36.2684, 62.9749, 16.6868



36.2684, -35.7086, 21.4276



36.2684, -8.7430, -95.4242

Complementary

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



36.2673, 62.9794, 16.6860



67.2543, -46.8109, 16.9916

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.



36.2684, -29.3918, -67.4161



36.2673, 62.9794, 16.6860



36.2684, -41.5585, 8.0789

Square

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



36.2684, 62.9749, 16.6868



36.2684, -20.4438, 24.8018



36.2684, -39.6650, -23.8346



36.2684, 21.2353, -85.3093

Rectangle

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



36.2673, 62.9794, 16.6860



36.2684, 15.8452, 25.0569



36.2684, -39.6650, -23.8346



36.2684, -16.8407, -89.7080

Sweetspot

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



36.2684, 62.9749, 16.6868



75.8281, 26.8020, 4.1737



31.9115, 68.3031, -85.2786



33.6879, 14.5585, 2.0141

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.2684, 62.9749, 16.6868



46.6375, 80.9199, 21.9826



37.9629, 54.3543, 24.3422



33.5650, 1.5861, 1.6920



28.7970, 50.0543, 12.8829



6.6418, 11.7400, 1.4564

Inverse Universe

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



36.2684, 62.9749, 16.6868



46.6375, 80.9199, 21.9826



55.3428, -19.3326, -27.4373



33.5650, 1.5861, 1.6920



28.7970, 50.0543, 12.8829



6.6418, 11.7400, 1.4564

Previews

White Background



This preview shows how the HunterLab color 36.2673, 62.9794, 16.6860 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 × Fail

Black Background



This preview shows how the HunterLab color 36.2673, 62.9794, 16.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

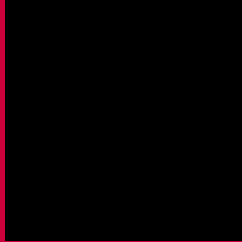
Any Text WCAG AA × Fail

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 36.2673, 62.9794, 16.6860 Background



This preview shows how black text looks on a background with the HunterLab color 36.2673, 62.9794, 16.6860.



This preview shows how white text looks on a background with the HunterLab color 36.2673, 62.9794,

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

36.2673, 62.9794, 16.6860

Protanopia

37.2242, -2.7155, 8.1845

Deuteranopia

37.0603, 2.1818, 18.2259



Tritanopia

36.6016, 58.2229, 22.5750

Trichromacy



Original Color

36.2673, 62.9794, 16.6860

Protanomaly

32.1894, 25.6803, 7.3521

Deuteranomaly

32.9848, 29.5676, 14.7885

Tritanomaly

36.2680, 60.0074, 20.9247

Monochromacy



Original Color

36.2673, 62.9794, 16.6860

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.2720, 24.8447, 3.1751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2673, 62.9794, 16.6860 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(204, 0, 59)` looks like.

```
.text, #text, p{  
  color:rgb(204, 0, 59)  
}
```

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(204, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2673, 62.9794, 16.6860 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(204, 0, 59) }
```


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

```
.border{ border-color:rgb(204, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.2673, 62.9794, 16.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 59) }
```

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

```
.background{ background-color: rgb(204, 0,  
59) }
```

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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