

Converting Colors

HunterLab(36.7661, 64.8127,
9.4189)

Have a look what the booklet for
HunterLab(36.7661, 64.8127,
9.4189) contains.

HunterLab(36.7770, 64.8528, 9.2607)	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(36.7770, 64.8528,
9.2607)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0057
RGB	204, 0, 87
RGB Percent	80%, 0%, 34%
CMY	0.2000, 0.9998, 0.6588
CMYK	0.00, 1.00, 0.57, 0.20
HSL	334°, 100%, 40%
HSV	334°, 100%, 80%
XYZ	26.6221, 13.5255, 10.2244
YIQ	70.9140, 93.6570, 70.3050

Conversions

Conversions Part 2

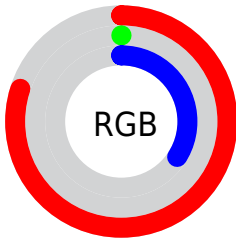
Format	Color
R_{YB}	204, 0, 87
Decimal	13369431
CIE _{Lab}	43.55, 70.48, 11.76
CIE _{LCh}	44, 71.456, 9.472
Yxy	13.5263, 0.5285, 0.2685
Android (android.graphics.Color)	4291559511 (0xFFCC0057)
YUV	70.9140, 7.9304, 116.7164
Hunter-Lab	36.7770, 64.8528, 9.2607

Details

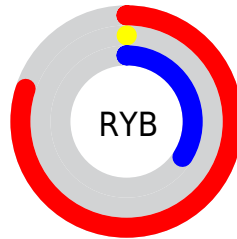
The HunterLab color **36.7770, 64.8528, 9.2607** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **66.6866, -50.3021, 25.2376**, and the grayscale version is **25.0287, -1.3355, 1.3599**.

A 20% lighter version of the original color is **54.6388, 64.7617, 9.5266**, and **24.3417, 42.4025, 10.1747** is the 20% darker color. If you saturate the color by 10%, you get **36.7764, 64.8508, 9.2680**, and if you desaturate by 10%, it is **37.7471, 63.5014, 5.9469**.

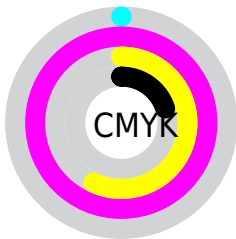
Distribution



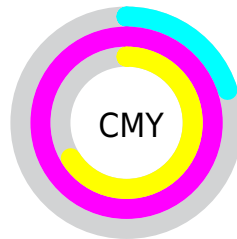
- Red (80%)
- Green (0%)
- Blue (34%)



- Red (80%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7770, 64.8528, 9.2607 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 36.7770, 64.8528, 9.2607 by changing the saturation by 10% instead.

36.7770, 64.8528,
9.2607

36.7770, 64.8528,
9.2607

146.3775, 82.8775,
20.3163

27.9141, 62.5768,
7.9840

56.7857, 69.4307,
11.7352

19.9051, 60.5376,
6.6514

67.8236, 71.6268,
12.9540

12.8545, 59.2598,
5.2590

79.4964, 73.7337,
14.1697

6.2653, 69.2877,
4.3857

91.7712, 75.7464,
15.3865

0.0000, INF, NaN

0.0000, NaN, NaN

104.6199, 77.6646,
16.6077

0.0000, NaN, NaN

118.0179, 79.4903,

0.0000, NaN, NaN

17.8353

0.0000, NaN, NaN

131.9435, 81.2268,
19.0711

■ 36.7770, 64.8528,
9.2607

■ 36.7770, 64.8528,
9.2607

■ 36.7764, 64.8508,
9.2680

■ 37.7471, 63.5014,
5.9469

■ 39.4294, 60.1367,
2.9925

■ 41.9622, 54.6182,
0.7485

■ 45.3141, 47.4697,
-0.6660

■ 49.4045, 39.3023,
-1.2660

■ 54.1353, 30.6246,
-1.1464

■ 59.4101, 21.7834,
-0.4294

■ 65.1441, 12.9811,
0.7678

■ 71.2663, 4.3193,
2.3459

Harmonies

Analogous

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



36.7781, 60.6725, -19.9705



36.7770, 64.8528, 9.2607



36.7781, 47.5301, 21.6297

Triad

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



36.7781, 64.8485, 9.2617



36.7781, -29.5766, 23.3923



36.7781, -18.5132, -81.2633

Complementary

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



36.7770, 64.8528, 9.2607



66.6866, -50.3021, 25.2376

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.



36.7781, -34.1674, -45.5142



36.7770, 64.8528, 9.2607



36.7781, -39.1512, 15.4886

Square

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



36.7781, 64.8485, 9.2617



36.7781, -10.1539, 25.2266



36.7781, -40.5449, -7.1268



36.7781, 7.0110, -88.1509

Rectangle

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



36.7770, 64.8528, 9.2607



36.7781, 28.4280, 24.2200



36.7781, -40.5449, -7.1268



36.7781, -24.8695, -71.4203

Sweetspot

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



36.7781, 64.8485, 9.2617



76.1637, 28.5006, -0.6036



28.3678, 63.9405, -100.7975



33.8642, 15.4366, -0.4952

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.7781, 64.8485, 9.2617



47.2844, 83.2983, 12.5516



36.2516, 59.9242, 23.3853



33.6032, 1.7911, 1.1484



29.2073, 51.5615, 6.9117



6.7467, 12.1221, -0.0454

Inverse Universe

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



36.7781, 64.8485, 9.2617



47.2844, 83.2983, 12.5516



64.3127, -30.9469, -13.5775



33.6032, 1.7911, 1.1484



29.2073, 51.5615, 6.9117



6.7467, 12.1221, -0.0454

Previews

White Background



This preview shows how the HunterLab color 36.7770, 64.8528, 9.2607 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 36.7770, 64.8528, 9.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

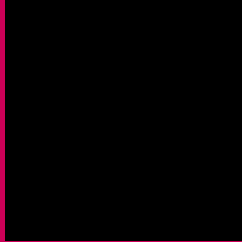
Any Text WCAG AA × Fail

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 36.7770, 64.8528, 9.2607 Background



This preview shows how black text looks on a background with the HunterLab color 36.7770, 64.8528, 9.2607.



This preview shows how white text looks on a background with the HunterLab color 36.7770, 64.8528,

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

36.7770, 64.8528, 9.2607

Protanopia

37.6062, 0.8147, -8.4690

Deuteranopia

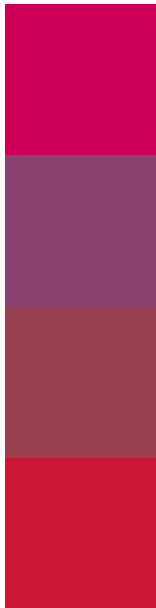
37.6065, 2.2584, 11.8489



Tritanopia

37.2403, 55.7744, 21.6330

Trichromacy



Original Color

36.7770, 64.8528, 9.2607

Protanomaly

32.3567, 28.0786, -7.6595

Deuteranomaly

33.2162, 30.3013, 7.1029

Tritanomaly

36.7796, 59.6753, 18.2785

Monochromacy



Original Color

36.7770, 64.8528, 9.2607

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.1685, 26.0664, -0.5749

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7770, 64.8528, 9.2607 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7770, 64.8528, 9.2607 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, 87) }
```


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

```
.border{ border-color:rgb(204, 0, 87) }
```

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, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.7770, 64.8528, 9.2607 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, 87) }
```

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

```
.background{ background-color: rgb(204, 0,  
87) }
```

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