

# Converting Colors

HunterLab(37.3357, 65.9174,  
8.7854)

Have a look what the booklet for  
HunterLab(37.3357, 65.9174,  
8.7854) contains.

<b>HunterLab(37.4214, 66.0578, 8.8897)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(37.4214, 66.0578,  
8.8897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF005A
RGB	207, 0, 90
RGB Percent	81%, 0%, 35%
CMY	0.1882, 0.9998, 0.6471
CMYK	0.00, 1.00, 0.57, 0.19
HSL	334°, 100%, 41%
HSV	334°, 100%, 81%
XYZ	27.5776, 14.0036, 10.9224
YIQ	72.1530, 94.4820, 71.8740

# Conversions

## Conversions Part 2

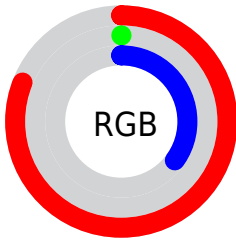
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 0, 90
Decimal	13566042
CIE <sub>Lab</sub>	44.24, 71.36, 10.93
CIE <sub>LCh</sub>	44, 72.193, 8.710
Yxy	14.0045, 0.5252, 0.2667
Android (android.graphics.Color)	4291756122 (0xFFCF005A)
YUV	72.1530, 8.7986, 118.2608
Hunter-Lab	37.4214, 66.0578, 8.8897

# Details

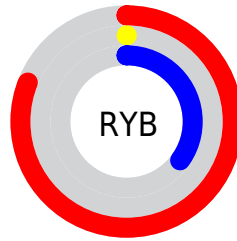
The HunterLab color **37.4214, 66.0578, 8.8897** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **67.7577, -51.3291, 26.1158**, and the grayscale version is **25.4653, -1.3588, 1.3836**.

A 20% lighter version of the original color is **54.8934, 64.7792, 8.1610**, and **24.9183, 43.4336, 10.2078** is the 20% darker color. If you saturate the color by 10%, you get **37.4208, 66.0557, 8.8974**, and if you desaturate by 10%, it is **38.4001, 64.7177, 5.5053**.

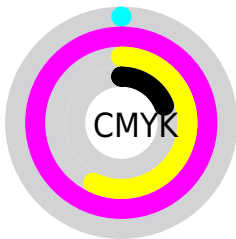
# Distribution



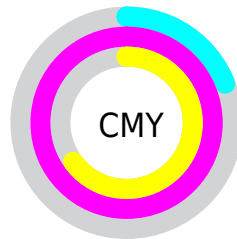
- Red (81%)
- Green (0%)
- Blue (35%)



- Red (81%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4214, 66.0578, 8.8897 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 37.4214, 66.0578, 8.8897 by changing the saturation by 10% instead.



37.4214, 66.0578,  
8.8897

37.4214, 66.0578,  
8.8897

147.3970, 84.2419,  
19.5692

28.5022, 63.7673,  
7.6758

57.5300, 70.6658,  
11.2583

20.4310, 61.7094,  
6.4161

68.6131, 72.8786,  
12.4309

13.3098, 60.3891,  
5.0755

80.3286, 75.0030,  
13.6036

6.8507, 67.0487,  
4.7955

92.6441, 77.0340,  
14.7804

0.0000, INF, NaN

0.0000, INF, NaN

105.5317, 78.9709,  
15.9636

0.0000, NaN, NaN

118.9669, 80.8158,

0.0000, NaN, NaN

17.1552

0.0000, NaN, NaN

132.9284, 82.5716,  
18.3568

■ 37.4214, 66.0578,  
8.8897

■ 37.4214, 66.0578,  
8.8897

■ 37.4208, 66.0557,  
8.8974

■ 38.4001, 64.7177,  
5.5053

■ 40.1041, 61.3150,  
2.5114

■ 42.6726, 55.7114,  
0.2625

■ 46.0743, 48.4379,  
-1.1246

■ 50.2279, 40.1173,  
-1.6707

■ 55.0336, 31.2699,  
-1.4770

■ 60.3936, 22.2509,  
-0.6716

■ 66.2213, 13.2684,  
0.6238

■ 72.4446, 4.4270,  
2.3067

# Harmonies

## Analogous

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



37.4225, 61.2321, -21.2600



37.4214, 66.0578, 8.8897



37.4225, 48.9401, 21.8313

# Triad

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



37.4225, 66.0535, 8.8907



37.4225, -29.6926, 23.8809



37.4225, -19.3518, -81.8660

# Complementary

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



37.4214, 66.0578, 8.8897



67.7577, -51.3291, 26.1158

# 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.



37.4225, -35.0061, -45.1470



37.4214, 66.0578, 8.8897



37.4225, -39.6635, 16.1007

# Square

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



37.4225, 66.0535, 8.8907



37.4225, -9.6851, 25.6514



37.4225, -41.2776, -6.4225



37.4225, 6.3628, -89.8099



# Rectangle

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



37.4214, 66.0578, 8.8897



37.4225, 29.6696, 24.5788



37.4225, -41.2776, -6.4225



37.4225, -25.7233, -71.6472

# Sweetspot

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



37.4225, 66.0535, 8.8907



76.1847, 28.6066, -0.9016



28.4157, 64.5078, -104.5312



33.8753, 15.4917, -0.6525

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



37.4225, 66.0535, 8.8907



47.3331, 83.4766, 11.8474



36.7301, 61.3233, 23.7045



34.4853, 1.8628, 1.1422



29.7336, 52.5445, 6.6188



7.1423, 12.8307, -0.0309



# Inverse Universe

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



37.4225, 66.0535, 8.8907



47.3331, 83.4766, 11.8474



66.5431, -32.8907, -12.1693



34.4853, 1.8628, 1.1422



29.7336, 52.5445, 6.6188



7.1423, 12.8307, -0.0309



# Previews

## White Background



This preview shows how the HunterLab color 37.4214, 66.0578, 8.8897 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 37.4214, 66.0578, 8.8897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

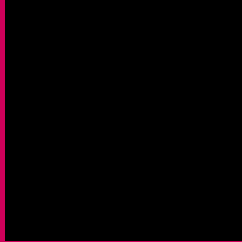
Any Text WCAG AA × Fail

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 37.4214, 66.0578, 8.8897 Background



This preview shows how black text looks on a background with the HunterLab color 37.4214, 66.0578, 8.8897.



This preview shows how white text looks on a background with the HunterLab color 37.4214, 66.0578,



# 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

37.4214, 66.0578, 8.8897

### Protanopia

38.3581, 0.8964, -9.5385

### Deuteranopia

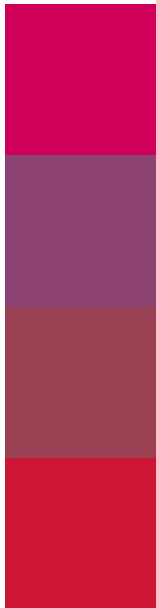
38.1214, 2.7779, 11.4316



## Tritanopia

37.8975, 56.6643, 21.8566

# Trichromacy



## Original Color

37.4214, 66.0578, 8.8897

## Protanomaly

32.9404, 28.9195, -8.9360

## Deuteranomaly

33.7480, 30.9004, 6.6007

## Tritanomaly

37.4305, 60.6303, 18.4007

# Monochromacy



## Original Color

37.4214, 66.0578, 8.8897

## Achromatopsia

25.4565, -1.3583, 1.3831

## Achromatomaly

25.6582, 26.5686, -0.8174

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.4214, 66.0578, 8.8897 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(207, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 90)  
}
```

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(207, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 90) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.4214, 66.0578, 8.8897 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(207, 0, 90) }
```



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

```
.border{ border-color:rgb(207, 0, 90) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 90)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 37.4214, 66.0578, 8.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 90) }
```

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

```
.background{ background-color: rgb(207, 0,  
90) }
```

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