

Converting Colors

HunterLab(37.4925, 66.3077,
7.8868)

Have a look what the booklet for
HunterLab(37.4925, 66.3077,
7.8868) contains.

HunterLab(37.4909, 66.3123, 7.8853)	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(37.4909, 66.3123,
7.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	CF005D
RGB	207, 0, 93
RGB Percent	81%, 0%, 36%
CMY	0.1882, 0.9998, 0.6353
CMYK	0.00, 1.00, 0.55, 0.19
HSL	333°, 100%, 41%
HSV	333°, 100%, 81%
XYZ	27.7078, 14.0557, 11.6085
YIQ	72.4950, 93.5190, 72.8070

Conversions

Conversions Part 2

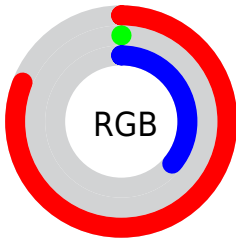
Format	Color
R_{YB}	207, 0, 93
Decimal	13566045
CIE _{Lab}	44.31, 71.56, 9.15
CIE _{LCh}	44, 72.142, 7.290
Yxy	14.0565, 0.5191, 0.2634
Android (android.graphics.Color)	4291756125 (0xFFCF005D)
YUV	72.4950, 10.1090, 117.9609
Hunter-Lab	37.4909, 66.3123, 7.8853

Details

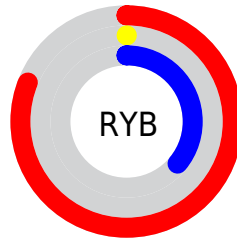
The HunterLab color **37.4909, 66.3123, 7.8853** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **67.7063, -51.6464, 26.8648**, and the grayscale version is **25.5823, -1.3650, 1.3899**.

A 20% lighter version of the original color is **54.9751, 65.1256, 6.9893**, and **24.9663, 43.6102, 9.5069** is the 20% darker color. If you saturate the color by 10%, you get **37.4903, 66.3102, 7.8929**, and if you desaturate by 10%, it is **38.4706, 64.9815, 4.4931**.

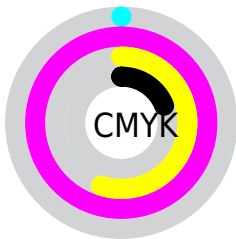
Distribution



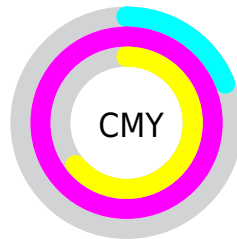
- Red (81%)
- Green (0%)
- Blue (36%)



- Red (81%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4909, 66.3123, 7.8853 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 37.4909, 66.3123, 7.8853 by changing the saturation by 10% instead.

37.4909, 66.3123,
7.8853

37.4909, 66.3123,
7.8853

147.5067, 84.5380,
17.7673

28.5657, 64.0194,
6.7984

57.6102, 70.9277,
10.0347

20.4878, 61.9607,
5.6828

68.6981, 73.1449,
11.1100

13.3591, 60.6411,
4.5112

80.4183, 75.2741,
12.1918

6.9107, 67.0312,
4.8375

92.7381, 77.3099,
13.2827

0.0000, INF, NaN

0.0000, INF, NaN

105.6299, 79.2519,
14.3846

0.0000, NaN, NaN

119.0691, 81.1018,

0.0000, NaN, NaN

15.4988

0.0000, NaN, NaN

133.0344, 82.8627,
16.6261

■ 37.4909, 66.3123,
7.8853

■ 37.4909, 66.3123,
7.8853

■ 37.4903, 66.3102,
7.8929

■ 38.4706, 64.9815,
4.4931

■ 40.1725, 61.5821,
1.5340

■ 42.7360, 55.9734,
-0.6407

■ 46.1305, 48.6847,
-1.9242

■ 50.2754, 40.3386,
-2.3477

■ 55.0717, 31.4567,
-2.0214

■ 60.4219, 22.3963,
-1.0790

■ 66.2399, 13.3679,
0.3539

■ 72.4535, 4.4777,
2.1730

Harmonies

Analogous

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



37.4920, 60.4171, -23.0810



37.4909, 66.3123, 7.8853



37.4920, 50.1122, 21.5294

Triad

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



37.4920, 66.3080, 7.8863



37.4920, -28.9929, 24.0672



37.4920, -20.3345, -80.5085

Complementary

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



37.4909, 66.3123, 7.8853



67.7063, -51.6464, 26.8648

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.



37.4920, -35.5152, -43.1019



37.4909, 66.3123, 7.8853



37.4920, -39.4134, 16.7448

Square

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



37.4920, 66.3080, 7.8863



37.4920, -8.4878, 25.7089



37.4920, -41.3969, -4.9300



37.4920, 4.9559, -90.1965

Rectangle

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



37.4909, 66.3123, 7.8853



37.4920, 31.1191, 24.4985



37.4920, -41.3969, -4.9300



37.4920, -26.5417, -69.8995

Sweetspot

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



37.4920, 66.3080, 7.8863



76.2215, 28.7924, -1.4240



28.4156, 64.5078, -104.5315



33.8948, 15.5883, -0.9286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4920, 66.3080, 7.8863



47.4207, 83.7971, 10.5820



36.7301, 61.3233, 23.7045



34.4895, 1.8853, 1.0826



29.7892, 52.7477, 5.8172



7.1559, 12.8799, -0.2233

Inverse Universe

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



37.4920, 66.3080, 7.8863



47.4207, 83.7971, 10.5820



66.5430, -32.8906, -12.1693



34.4895, 1.8853, 1.0826



29.7892, 52.7477, 5.8172



7.1559, 12.8799, -0.2233

Previews

White Background



This preview shows how the HunterLab color 37.4909, 66.3123, 7.8853 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 37.4909, 66.3123, 7.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

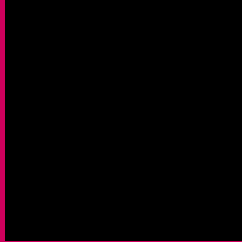
Any Text WCAG AA × Fail

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 37.4909, 66.3123, 7.8853 Background



This preview shows how black text looks on a background with the HunterLab color 37.4909, 66.3123, 7.8853.



This preview shows how white text looks on a background with the HunterLab color 37.4909, 66.3123,

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

37.4909, 66.3123, 7.8853

Protanopia

38.4274, 1.4196, -11.6624

Deuteranopia

38.3413, 2.3073, 10.6959



Tritanopia

37.9864, 56.4362, 21.7899

Trichromacy



Original Color

37.4909, 66.3123, 7.8853

Protanomaly

32.9535, 29.2414, -11.1528

Deuteranomaly

33.9899, 30.7716, 5.7547

Tritanomaly

37.5106, 60.5498, 18.0555

Monochromacy



Original Color

37.4909, 66.3123, 7.8853

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

25.8278, 27.0299, -1.0340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4909, 66.3123, 7.8853 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4909, 66.3123, 7.8853 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, 93) }
```


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

```
.border{ border-color:rgb(207, 0, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.4909, 66.3123, 7.8853 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, 93) }
```

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

```
.background{ background-color: rgb(207, 0,  
93) }
```

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