

Converting Colors

HunterLab(37.6181, 65.9675,
12.3292)

Have a look what the booklet for
HunterLab(37.6181, 65.9675,
12.3292) contains.

HunterLab(37.5959, 65.9246, 12.3517)	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(37.5959, 65.9246,
12.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	D10050
RGB	209, 0, 80
RGB Percent	82%, 0%, 31%
CMY	0.1804, 0.9998, 0.6863
CMYK	0.00, 1.00, 0.62, 0.18
HSL	337°, 100%, 41%
HSV	337°, 100%, 82%
XYZ	27.7425, 14.1345, 8.8555
YIQ	71.6110, 98.8840, 69.1880

Conversions

Conversions Part 2

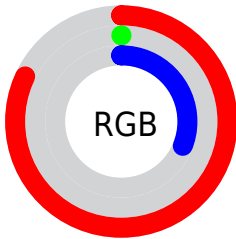
Format	Color
R_{YB}	209, 0, 80
Decimal	13697104
CIE _{Lab}	44.43, 71.21, 17.53
CIE _{LCh}	44, 73.338, 13.830
Yxy	14.1354, 0.5468, 0.2786
Android (android.graphics.Color)	4291887184 (0xFFD10050)
YUV	71.6110, 4.1358, 120.4902
Hunter-Lab	37.5959, 65.9246, 12.3517

Details

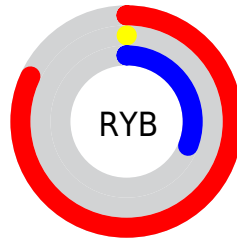
The HunterLab color **37.5959, 65.9246, 12.3517** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **68.6929, -50.6600, 23.5025**, and the grayscale version is **25.2882, -1.3493, 1.3740**.

A 20% lighter version of the original color is **54.6117, 63.5812, 12.2166**, and **25.1603, 43.5941, 12.3337** is the 20% darker color. If you saturate the color by 10%, you get **37.5953, 65.9225, 12.3592**, and if you desaturate by 10%, it is **38.5722, 64.5406, 9.0141**.

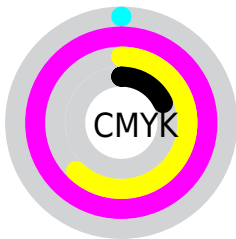
Distribution



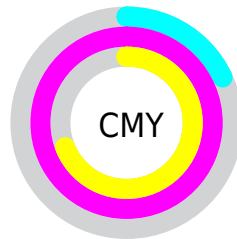
- Red (82%)
- Green (0%)
- Blue (31%)



- Red (82%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5959, 65.9246, 12.3517 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 37.5959, 65.9246, 12.3517 by changing the saturation by 10% instead.

37.5959, 65.9246,
12.3517

37.5959, 65.9246,
12.3517

147.6724, 84.0604,
26.0922

28.6616, 63.6332,
10.6475

57.7313, 70.5251,
15.5658

20.5737, 61.5666,
8.8321

68.8266, 72.7325,
17.1123

13.4335, 60.2161,
7.1377

80.5537, 74.8512,
18.6346

7.0003, 66.0652,
4.9002

92.8801, 76.8762,
20.1403

0.0000, INF, NaN

0.0000, INF, NaN

105.7782, 78.8072,
21.6350

0.0000, NaN, NaN

119.2234, 80.6461,

0.0000, NaN, NaN

23.1231

0.0000, NaN, NaN

133.1946, 82.3960,
24.6080

■ 37.5959, 65.9246,
12.3517

■ 37.5959, 65.9246,
12.3517

■ 37.5953, 65.9225,
12.3592

■ 38.5722, 64.5406,
9.0141

■ 40.2948, 61.0873,
5.9131

■ 42.9032, 55.4352,
3.4151

■ 46.3638, 48.1281,
1.6740

■ 50.5915, 39.7981,
0.7071

■ 55.4830, 30.9678,
0.4440

■ 60.9372, 21.9894,
0.7780

■ 66.8656, 13.0664,
1.5997

■ 73.1944, 4.2982,
2.8136

Harmonies

Analogous

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



37.5971, 64.9985, -15.2093



37.5959, 65.9246, 12.3517



37.5971, 45.2926, 23.0504

Triad

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



37.5971, 65.9201, 12.3526



37.5971, -32.5190, 23.4241



37.5971, -15.8679, -87.9650

Complementary

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



37.5959, 65.9246, 12.3517



68.6929, -50.6600, 23.5025

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.



37.5971, -33.5175, -53.5647



37.5959, 65.9246, 12.3517



37.5971, -41.0248, 13.7055

Square

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



37.5971, 65.9201, 12.3526



37.5971, -14.0403, 25.7242



37.5971, -41.3268, -12.3828



37.5971, 11.7579, -89.4941

Rectangle

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



37.5959, 65.9246, 12.3517



37.5971, 24.8293, 25.1297



37.5971, -41.3268, -12.3828



37.5971, -22.9432, -79.1380

Sweetspot

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



37.5971, 65.9201, 12.3526



76.0546, 27.9491, 0.9475



30.4363, 67.2394, -97.5744



33.8067, 15.1505, 0.3223

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.5971, 65.9201, 12.3526



47.0466, 82.4261, 16.0026



37.7176, 60.0220, 24.2902



34.4703, 1.7824, 1.3555



29.5509, 51.8748, 9.2653



7.0963, 12.6636, 0.6245

Inverse Universe

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



37.5971, 65.9201, 12.3526



47.0466, 82.4261, 16.0026



62.5647, -27.3805, -19.0913



34.4703, 1.7824, 1.3555



29.5509, 51.8748, 9.2653



7.0963, 12.6636, 0.6245

Previews

White Background



This preview shows how the HunterLab color 37.5959, 65.9246, 12.3517 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 37.5959, 65.9246, 12.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

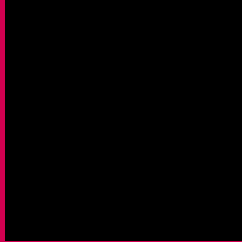
Any Text WCAG AA × Fail

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 37.5959, 65.9246, 12.3517 Background



This preview shows how black text looks on a background with the HunterLab color 37.5959, 65.9246, 12.3517.



This preview shows how white text looks on a background with the HunterLab color 37.5959, 65.9246,

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

37.5959, 65.9246, 12.3517

Protanopia

38.5537, -0.7409, -2.1378

Deuteranopia

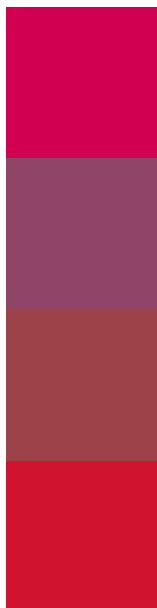
38.5001, 2.3595, 14.5846



Tritanopia

37.9370, 58.2172, 22.4761

Trichromacy



Original Color

37.5959, 65.9246, 12.3517

Protanomaly

33.1261, 27.6716, -2.5443

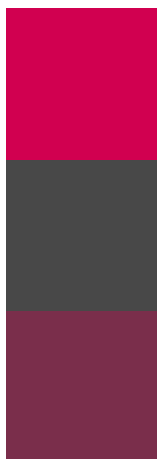
Deuteranomaly

34.1467, 30.5988, 10.3277

Tritanomaly

37.5814, 61.5057, 19.8227

Monochromacy



Original Color

37.5959, 65.9246, 12.3517

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.6896, 26.4236, 0.9294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5959, 65.9246, 12.3517 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(209, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 80)  
}
```

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(209, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5959, 65.9246, 12.3517 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(209, 0, 80) }
```


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

```
.border{ border-color:rgb(209, 0, 80) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 80);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5959, 65.9246, 12.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 80) }
```

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

```
.background{ background-color: rgb(209, 0,  
80) }
```

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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