

Converting Colors

HunterLab(37.7135, 59.9904,
13.3660)

Have a look what the booklet for
HunterLab(37.7135, 59.9904,
13.3660) contains.

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Color

**HunterLab(37.7517, 60.0881,
13.2874)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1D4D
RGB	204, 29, 77
RGB Percent	80%, 11%, 30%
CMY	0.2000, 0.8862, 0.6980
CMYK	0.00, 0.86, 0.62, 0.20
HSL	344°, 75%, 46%
HSV	344°, 86%, 80%
XYZ	26.6807, 14.2519, 8.3659
YIQ	86.7970, 88.8920, 52.0280

Conversions

Conversions Part 2

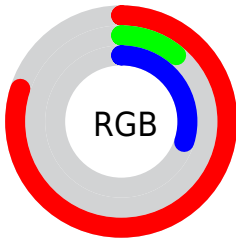
Format	Color
R_{YB}	204, 29, 77
Decimal	13376845
CIE Lab	44.59, 66.21, 19.45
CIE LCh	45, 69.003, 16.368
Yxy	14.2528, 0.5412, 0.2891
Android (android.graphics.Color)	4291566925 (0xFFCC1D4D)
YUV	86.7970, -4.8299, 102.7870
Hunter-Lab	37.7517, 60.0881, 13.2874

Details

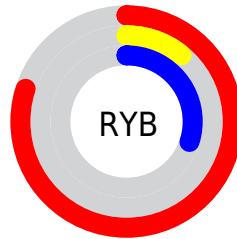
The HunterLab color **37.7517, 60.0881, 13.2874** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **67.7110, -44.4112, 13.3979**, and the grayscale version is **30.7953, -1.6432, 1.6732**.

A 20% lighter version of the original color is **55.7961, 59.7188, 14.4521**, and **24.2204, 41.9550, 11.9543** is the 20% darker color. If you saturate the color by 10%, you get **36.5709, 62.2708, 16.1909**, and if you desaturate by 10%, it is **39.7975, 55.6749, 10.4793**.

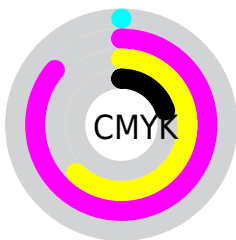
Distribution



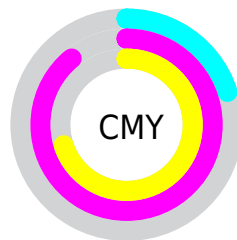
- Red (80%)
- Green (11%)
- Blue (30%)



- Red (80%)
- Yellow (11%)
- Blue (30%)



- Cyan (0%)
- Magenta (86%)
- Yellow (62%)
- Black (20%)



- Cyan (20%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7517, 60.0881, 13.2874 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 37.7517, 60.0881, 13.2874 by changing the saturation by 10% instead.

■ 37.7517, 60.0881,
13.2874

■ 37.7517, 60.0881,
13.2874

147.9181, 76.9880,
27.9397

■ 28.8040, 57.8508,
11.4373

■ 57.9110, 64.4694,
16.7536

■ 20.7011, 55.7511,
9.4576

■ 69.0171, 66.5419,
18.4117

■ 13.5442, 54.1729,
7.7317

■ 80.7544, 68.5181,
20.0382

■ 7.1309, 58.3594,
4.9917

■ 93.0907, 70.3967,
21.6418

0.0000, INF, NaN

0.0000, NaN, NaN

■ 105.9980, 72.1794,
23.2293

0.0000, NaN, NaN

■ 119.4522, 73.8695,

0.0000, NaN, NaN

24.8057

0.0000, NaN, NaN

133.4320, 75.4710,
26.3748

■ 37.7517, 60.0881,
13.2874

■ 37.7517, 60.0881,
13.2874

■ 36.5709, 62.2708,
16.1909

■ 39.7975, 55.6749,
10.4793

■ 36.2246, 62.8223,
17.3104

■ 42.7181, 49.4050,
8.0295

■ 46.4514, 41.8818,
6.0954

■ 50.8990, 33.6856,
4.7234

■ 55.9556, 25.2413,
3.8847

■ 61.5245, 16.8080,
3.5148

■ 67.5240, 8.5193,
3.5403

■ 73.8871, 0.4298,
3.8927

■ 80.5605, -7.4507,
4.5138

Harmonies

Analogous

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



37.7528, 61.0722, -11.1909



37.7517, 60.0881, 13.2874



37.7528, 39.7883, 22.9616

Triad

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



37.7528, 60.0839, 13.2883



37.7528, -32.1823, 22.4982



37.7528, -13.2519, -81.4495

Complementary

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



37.7517, 60.0881, 13.2874



67.7110, -44.4112, 13.3979

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.



37.7528, -31.0487, -52.2719



37.7517, 60.0881, 13.2874



37.7528, -39.7698, 11.7571

Square

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



37.7528, 60.0839, 13.2883



37.7528, -15.2841, 25.2546



37.7528, -39.4217, -14.2445



37.7528, 13.3815, -79.8487

Rectangle

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



37.7517, 60.0881, 13.2874



37.7528, 20.5655, 24.9262



37.7528, -39.4217, -14.2445



37.7528, -20.2878, -74.3603

Sweetspot

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



37.7528, 60.0839, 13.2883



78.7562, 22.2382, 4.5357



34.8579, 65.7160, -74.5368



35.2465, 12.0449, 2.1515

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.7528, 60.0839, 13.2883



46.5846, 80.7247, 22.7598



41.1488, 45.6632, 24.4785



33.5610, 1.5641, 1.7503



28.7627, 49.9279, 13.3858



6.6320, 11.7042, 1.5979

Inverse Universe

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



37.7528, 60.0839, 13.2883



46.5846, 80.7247, 22.7598



56.5024, -19.7160, -25.4735



33.5610, 1.5641, 1.7503



28.7627, 49.9279, 13.3858



6.6320, 11.7042, 1.5979

Previews

White Background



This preview shows how the HunterLab color 37.7517, 60.0881, 13.2874 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 37.7517, 60.0881, 13.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

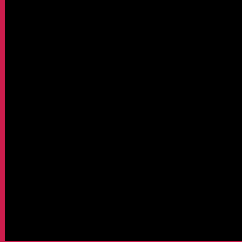
Any Text WCAG AA × Fail

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 37.7517, 60.0881, 13.2874 Background



This preview shows how black text looks on a background with the HunterLab color 37.7517, 60.0881, 13.2874.



This preview shows how white text looks on a background with the HunterLab color 37.7517, 60.0881,

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

37.7517, 60.0881, 13.2874

Protanopia

38.2104, -1.0061, 1.0779

Deuteranopia

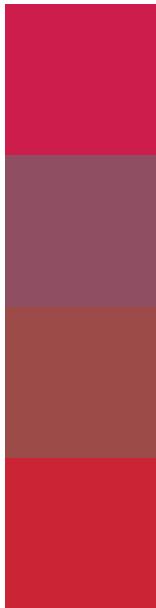
38.1072, 2.2988, 14.7618



Tritanopia

37.8954, 54.9914, 21.3105

Trichromacy



Original Color

37.7517, 60.0881, 13.2874

Protanomaly

34.8590, 22.0009, 2.6297

Deuteranomaly

35.4513, 25.5508, 12.0387

Tritanomaly

37.7032, 56.6489, 18.9277

Monochromacy



Original Color

37.7517, 60.0881, 13.2874

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.4414, 21.2876, 3.1915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7517, 60.0881, 13.2874 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, 29, 77)` looks like.

```
.text, #text, p{  
  color:rgb(204, 29, 77)  
}
```

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, 29, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 29, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7517, 60.0881, 13.2874 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, 29, 77) }
```


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

```
.border{ border-color:rgb(204, 29, 77) }
```

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

Here you see how a box with a 4 pixel rgb(204, 29, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 29, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 29, 77);  
box-shadow:4px 4px 4px 4px rgb(204, 29,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7517, 60.0881, 13.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 29, 77) }
```

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

```
.background{ background-color: rgb(204, 29,  
77) }
```

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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