

Converting Colors

HunterLab(37.1407, 64.2481,
19.0110)

Have a look what the booklet for
HunterLab(37.1407, 64.2481,
19.0110) contains.

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Color

**HunterLab(37.1407, 64.2481,
19.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	D10033
RGB	209, 0, 51
RGB Percent	82%, 0%, 20%
CMY	0.1804, 0.9998, 0.8000
CMYK	0.00, 1.00, 0.76, 0.18
HSL	345°, 100%, 41%
HSV	345°, 100%, 82%
XYZ	26.8920, 13.7943, 4.3771
YIQ	68.3050, 108.1930, 60.1690

Conversions

Conversions Part 2

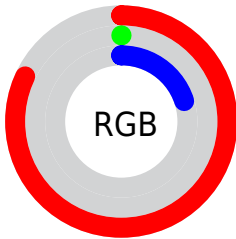
Format	Color
R_YB	209, 0, 51
Decimal	13697075
CIE Lab	43.94, 69.89, 34.83
CIE LCh	44, 78.090, 26.486
Yxy	13.7952, 0.5967, 0.3061
Android (android.graphics.Color)	4291887155 (0xFFD10033)
YUV	68.3050, -8.5314, 123.3895
Hunter-Lab	37.1407, 64.2481, 19.0110

Details

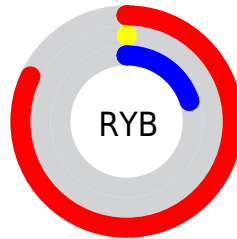
The HunterLab color **37.1407, 64.2481, 19.0110** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **69.3333, -46.7334, 14.2257**, and the grayscale version is **24.1610, -1.2892, 1.3127**.

A 20% lighter version of the original color is **53.7954, 61.1658, 21.7549**, and **24.5709, 42.1497, 15.3240** is the 20% darker color. If you saturate the color by 10%, you get **37.1402, 64.2464, 19.0168**, and if you desaturate by 10%, it is **38.0689, 62.6454, 16.3324**.

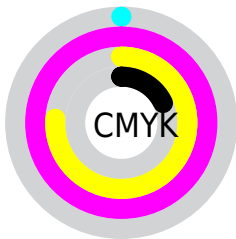
Distribution



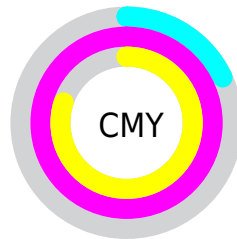
- Red (82%)
- Green (0%)
- Blue (20%)



- Red (82%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1407, 64.2481, 19.0110 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 37.1407, 64.2481, 19.0110 by changing the saturation by 10% instead.

■ 37.1407, 64.2481,
19.0110

■ 37.1407, 64.2481,
19.0110

■ 146.9534, 82.1043,
41.4076

■ 28.2460, 61.9728,
15.9214

■ 57.2059, 68.7984,
24.6314

■ 20.2017, 59.9127,
12.8188

■ 68.2694, 70.9760,
27.2414

■ 13.1112, 58.5568,
9.1778

■ 79.9664, 73.0631,
29.7549

■ 6.6025, 66.2368,
4.6218

■ 92.2642, 75.0553,
32.1909

0.0000, INF, NaN

0.0000, INF, NaN

■ 105.1349, 76.9528,
34.5639

0.0000, NaN, NaN

■ 118.5540, 78.7579,

0.0000, NaN, NaN

36.8853

0.0000, NaN, NaN

132.4999, 80.4739,
39.1641

■ 37.1407, 64.2481,
19.0110

■ 37.1407, 64.2481,
19.0110

■ 37.1402, 64.2464,
19.0168

■ 38.0689, 62.6454,
16.3324

■ 39.7726, 59.0376,
13.4601

■ 42.3929, 53.3168,
10.7524

■ 45.8918, 46.0484,
8.4348

■ 50.1776, 37.8707,
6.6209

■ 55.1406, 29.2960,
5.3287

■ 60.6750, 20.6575,
4.5185

■ 66.6885, 12.1376,
4.1268

■ 73.1052, 3.8183,
4.0871

Harmonies

Analogous

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



37.1419, 73.9865, -1.4663



37.1407, 64.2481, 19.0110



37.1419, 35.1239, 24.8111

Triad

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



37.1419, 64.2434, 19.0117



37.1419, -38.6275, 21.2535



37.1419, -5.4213, -103.4408

Complementary

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



37.1407, 64.2481, 19.0110



69.3333, -46.7334, 14.2257

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.



37.1419, -28.5609, -77.8474



37.1407, 64.2481, 19.0110



37.1419, -43.5409, 5.2012

Square

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



37.1419, 64.2434, 19.0117



37.1419, -24.1867, 25.3452



37.1419, -40.5387, -31.3079



37.1419, 27.0897, -86.9527

Rectangle

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



37.1407, 64.2481, 19.0110



37.1419, 12.3341, 25.9993



37.1419, -40.5387, -31.3079



37.1419, -14.4154, -99.1719

Sweetspot

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



37.1419, 64.2434, 19.0117



75.7222, 26.2644, 5.6861



34.2760, 72.1214, -81.9592



33.6327, 14.2826, 2.8028

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1419, 64.2434, 19.0117



46.4864, 80.3618, 24.2051



40.0458, 52.6552, 25.5960



34.4309, 1.5701, 1.9184



29.1859, 50.5313, 14.5995



6.9937, 12.2887, 2.1025

Inverse Universe

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



37.1419, 64.2434, 19.0117



46.4864, 80.3618, 24.2051



53.5133, -15.1758, -34.1238



34.4309, 1.5701, 1.9184



29.1859, 50.5313, 14.5995



6.9937, 12.2887, 2.1025

Previews

White Background



This preview shows how the HunterLab color 37.1407, 64.2481, 19.0110 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 37.1407, 64.2481, 19.0110 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 37.1407, 64.2481, 19.0110 Background



This preview shows how black text looks on a background with the HunterLab color 37.1407, 64.2481, 19.0110.



This preview shows how white text looks on a background with the HunterLab color 37.1407, 64.2481, 19.0110.

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

37.1407, 64.2481, 19.0110

Protanopia

37.9754, -3.3162, 12.3802

Deuteranopia

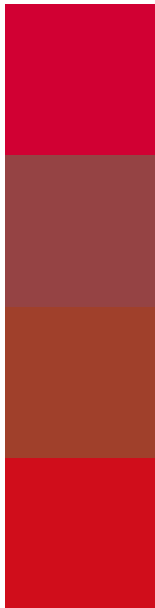
37.8938, 2.1564, 20.3845



Tritanopia

37.3835, 60.4110, 23.4893

Trichromacy



Original Color

37.1407, 64.2481, 19.0110

Protanomaly

32.8956, 26.2409, 10.8727

Deuteranomaly

33.6375, 30.1080, 17.2259

Tritanomaly

37.1172, 61.7845, 22.2968

Monochromacy



Original Color

37.1407, 64.2481, 19.0110

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.4898, 25.2281, 4.4986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1407, 64.2481, 19.0110 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1407, 64.2481, 19.0110 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, 51) }
```


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

```
.border{ border-color:rgb(209, 0, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.1407, 64.2481, 19.0110 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, 51) }
```

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

```
.background{ background-color: rgb(209, 0,  
51) }
```

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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