

Converting Colors

HunterLab(37.3883, 64.1188,
23.4600)

Have a look what the booklet for
HunterLab(37.3883, 64.1188,
23.4600) contains.

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Color

**HunterLab(37.4587, 64.2412,
23.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	D4000F
RGB	212, 0, 15
RGB Percent	83%, 0%, 6%
CMY	0.1686, 0.9998, 0.9412
CMYK	0.00, 1.00, 0.93, 0.17
HSL	356°, 100%, 42%
HSV	356°, 100%, 83%
XYZ	27.2376, 14.0315, 1.7247
YIQ	65.0980, 121.5370, 49.6090

Conversions

Conversions Part 2

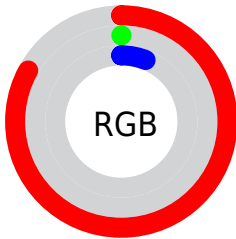
Format	Color
RYB	212, 0, 15
Decimal	13893647
CIELab	44.28, 69.82, 53.70
CIElCh	44, 88.083, 37.564
Yxy	14.0324, 0.6335, 0.3264
Android (android.graphics.Color)	4292083727 (0xFFD4000F)
YUV	65.0980, -24.6983, 128.8331
Hunter-Lab	37.4587, 64.2412, 23.4912

Details

The HunterLab color **37.4587, 64.2412, 23.4912** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **71.4984, -41.1700, -0.4903**, and the grayscale version is **23.0884, -1.2319, 1.2544**.

A 20% lighter version of the original color is **53.3247, 59.1411, 28.6651**, and **24.9059, 42.6521, 16.0936** is the 20% darker color. If you saturate the color by 10%, you get **37.4584, 64.2404, 23.4935**, and if you desaturate by 10%, it is **38.2910, 62.2258, 22.2574**.

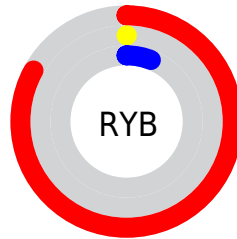
Distribution



Red (83%)

Green (0%)

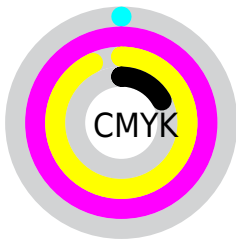
Blue (6%)



Red (83%)

Yellow (0%)

Blue (6%)

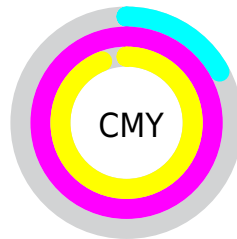


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4587, 64.2412, 23.4912 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 37.4587, 64.2412, 23.4912 by changing the saturation by 10% instead.

■ 37.4587, 64.2412,
23.4912

■ 37.4587, 64.2412,
23.4912

■ 147.4560, 82.0552,
55.7942

■ 28.5364, 61.9633,
19.1907

■ 57.5731, 68.7854,
31.7804

■ 20.4615, 59.8901,
14.3231

■ 68.6588, 70.9581,
35.6054

■ 13.3363, 58.4910,
9.3354

■ 80.3768, 73.0400,
39.2617

■ 6.8830, 64.6054,
4.8181

■ 92.6947, 75.0269,
42.7760

0.0000, INF, NaN

0.0000, INF, NaN

■ 105.5845, 76.9191,
46.1702

0.0000, NaN, NaN


■ 119.0219, 78.7189,


0.0000, NaN, NaN


49.4620


0.0000, NaN, NaN


 132.9854, 80.4298,
52.6660

 37.4587, 64.2412,
23.4912


 37.4587, 64.2412,
23.4912


 37.4584, 64.2404,
23.4935

 38.2910, 62.2258,
22.2574

 39.9436, 58.2215,
20.3769

 42.5676, 52.1646,
18.0916

 46.1245, 44.6680,
15.6465

 50.5160, 36.4017,
13.2474

■ 55.6230, 27.8844,
11.0222

■ 61.3308, 19.4362,
9.0271

■ 67.5404, 11.2180,
7.2712

■ 74.1703, 3.2893,
5.7393

Harmonies

Analogous

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



37.4599, 86.0181, 9.2635



37.4587, 64.2412, 23.4912



37.4599, 25.9971, 26.2219

Triad

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



37.4599, 64.2363, 23.4918



37.4599, -44.9794, 18.7335



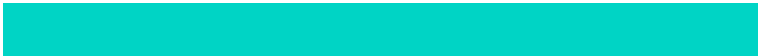
37.4599, 6.8930, -124.4627

Complementary

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



37.4587, 64.2412, 23.4912



71.4984, -41.1700, -0.4903

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.



37.4599, -23.6152, -110.9407



37.4587, 64.2412, 23.4912



37.4599, -46.9542, -6.9913

Square

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



37.4599, 64.2363, 23.4918



37.4599, -33.8232, 25.5002



37.4599, -40.7014, -58.1506



37.4599, 46.1101, -86.7757

Rectangle

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



37.4587, 64.2412, 23.4912



37.4599, 0.7862, 26.2219



37.4599, -40.7014, -58.1506



37.4599, -4.7086, -126.0921

Sweetspot

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



37.4599, 64.2363, 23.4918



75.3369, 24.3034, 11.2039



40.3341, 80.8516, -65.2909



33.4339, 13.2857, 5.6533

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4599, 64.2363, 23.4918



46.1559, 79.1379, 29.0919



45.8648, 39.1034, 28.9445



35.2631, 1.3535, 2.6778



29.4411, 50.5093, 18.3218



7.2656, 12.5348, 3.9798

Inverse Universe

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



37.4599, 64.2363, 23.4918



46.1559, 79.1379, 29.0919



43.6926, 1.3743, -57.5748



35.2631, 1.3535, 2.6778



29.4411, 50.5093, 18.3218



7.2656, 12.5348, 3.9798

Previews

White Background



This preview shows how the HunterLab color 37.4587, 64.2412, 23.4912 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 37.4587, 64.2412, 23.4912 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 37.4587, 64.2412, 23.4912 Background



This preview shows how black text looks on a background with the HunterLab color 37.4587, 64.2412, 23.4912.



This preview shows how white text looks on a background with the HunterLab color 37.4587, 64.2412, 23.4912.

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

37.4587, 64.2412, 23.4912

Protanopia

38.2413, -4.8780, 21.1323

Deuteranopia

38.2801, 1.7567, 23.6188



Tritanopia

37.6855, 61.1256, 24.2917

Trichromacy



Original Color

37.4587, 64.2412, 23.4912

Protanomaly

33.1447, 24.9431, 19.0054

Deuteranomaly

34.0266, 29.7489, 21.2376

Tritanomaly

37.6134, 62.4765, 24.0446

Monochromacy



Original Color

37.4587, 64.2412, 23.4912

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.7543, 24.3860, 8.3517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4587, 64.2412, 23.4912 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(212, 0, 15)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 15)  
}
```

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(212, 0, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4587, 64.2412, 23.4912 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(212, 0, 15) }
```


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

```
.border{ border-color:rgb(212, 0, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 15);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.4587, 64.2412, 23.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 15) }
```

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

```
.background{ background-color: rgb(212, 0,  
15) }
```

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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