

Converting Colors

HunterLab(37.5072, 64.5595,
21.6987)

Have a look what the booklet for
HunterLab(37.5072, 64.5595,
21.6987) contains.

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Color

**HunterLab(37.5745, 64.6704,
21.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	D40023
RGB	212, 0, 35
RGB Percent	83%, 0%, 14%
CMY	0.1686, 0.9998, 0.8627
CMYK	0.00, 1.00, 0.83, 0.17
HSL	350°, 100%, 42%
HSV	350°, 100%, 83%
XYZ	27.4548, 14.1184, 2.8682
YIQ	67.3780, 115.1170, 55.8290

Conversions

Conversions Part 2

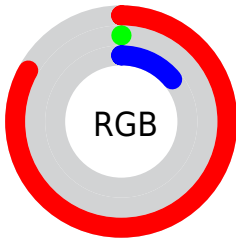
Format	Color
RYB	212, 0, 35
Decimal	13893667
CIELab	44.40, 70.16, 44.63
CIElCh	44, 83.154, 32.463
Yxy	14.1193, 0.6178, 0.3177
Android (android.graphics.Color)	4292083747 (0xFFD40023)
YUV	67.3780, -15.9624, 126.8335
Hunter-Lab	37.5745, 64.6704, 21.7763

Details

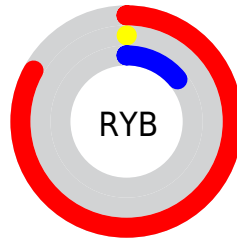
The HunterLab color **37.5745, 64.6704, 21.7763** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **70.8965, -44.7991, 8.0964**, and the grayscale version is **23.8591, -1.2731, 1.2963**.

A 20% lighter version of the original color is **53.5448, 60.0895, 25.4262**, and **25.0916, 42.9702, 16.2136** is the 20% darker color. If you saturate the color by 10%, you get **37.5740, 64.6690, 21.7807**, and if you desaturate by 10%, it is **38.4665, 62.8920, 19.6672**.

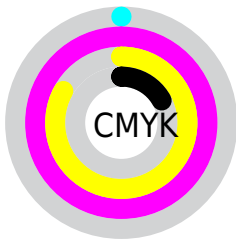
Distribution



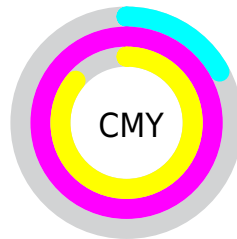
- Red (83%)
- Green (0%)
- Blue (14%)



- Red (83%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5745, 64.6704, 21.7763 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 37.5745, 64.6704, 21.7763 by changing the saturation by 10% instead.

■ 37.5745, 64.6704,
21.7763

■ 37.5745, 64.6704,
21.7763

147.6387, 82.5570,
49.2666

■ 28.6421, 62.3882,
17.9218

■ 57.7067, 69.2277,
28.7826

■ 20.5562, 60.3133,
14.3893

■ 68.8005, 71.4082,
32.0177

■ 13.4184, 58.9156,
9.3929

■ 80.5261, 73.4982,
35.1175

■ 6.9822, 64.6106,
4.8875

■ 92.8513, 75.4936,
38.1057

0.0000, INF, NaN

0.0000, INF, NaN

■ 105.7480, 77.3945,
41.0012


0.0000, NaN, NaN

■ 119.1921, 79.2031,


0.0000, NaN, NaN


43.8188


0.0000, NaN, NaN


 133.1620, 80.9227,
46.5707


 37.5745, 64.6704,
21.7763


 37.5745, 64.6704,
21.7763


 37.5740, 64.6690,
21.7807

 38.4665, 62.8920,
19.6672

 40.1648, 59.0976,
17.1305

 42.8141, 53.1980,
14.4941

 46.3752, 45.7831,
12.0089

 50.7521, 37.5103,
9.8389

■ 55.8294, 28.8992,
8.0538

■ 61.4961, 20.2798,
6.6565

■ 67.6562, 11.8269,
5.6139

■ 74.2305, 3.6131,
4.8799

Harmonies

Analogous

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



37.5757, 80.5625, 4.4582



37.5745, 64.6704, 21.7763



37.5757, 30.6071, 25.9915

Triad

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



37.5757, 64.6655, 21.7770



37.5757, -42.2787, 20.2125



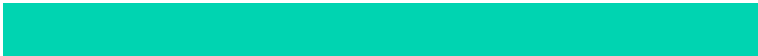
37.5757, 0.6547, -114.6299

Complementary

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



37.5745, 64.6704, 21.7763



70.8965, -44.7991, 8.0964

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.



37.5757, -26.2817, -94.5658



37.5745, 64.6704, 21.7763



37.5757, -45.6314, -0.5389

Square

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



37.5757, 64.6655, 21.7770



37.5757, -29.4941, 25.5972



37.5757, -40.9037, -44.4203



37.5757, 36.7216, -87.4252

Rectangle

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



37.5745, 64.6704, 21.7763



37.5757, 6.3447, 26.3030



37.5757, -40.9037, -44.4203



37.5757, -9.6875, -113.1862

Sweetspot

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



37.5757, 64.6655, 21.7770



75.5426, 25.3514, 8.2546



37.5011, 76.8899, -74.0229



33.5396, 13.8165, 4.1354

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.5757, 64.6655, 21.7770



46.2899, 79.6348, 27.1057



42.9711, 46.8666, 27.2972



35.2901, 1.4986, 2.2930



29.5394, 50.8738, 16.8655



7.3270, 12.7616, 3.0771

Inverse Universe

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



37.5757, 64.6655, 21.7770



46.2899, 79.6348, 27.1057



48.8942, -7.2181, -45.5283



35.2901, 1.4986, 2.2930



29.5394, 50.8738, 16.8655



7.3270, 12.7616, 3.0771

Previews

White Background



This preview shows how the HunterLab color 37.5745, 64.6704, 21.7763 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 37.5745, 64.6704, 21.7763 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 37.5745, 64.6704, 21.7763 Background



This preview shows how black text looks on a background with the HunterLab color 37.5745, 64.6704, 21.7763.



This preview shows how white text looks on a background with the HunterLab color 37.5745, 64.6704,

21.7763.

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

37.5745, 64.6704, 21.7763

Protanopia

38.2785, -4.3015, 17.7167

Deuteranopia

38.4202, 2.2924, 23.2259



Tritanopia

37.8347, 61.6293, 24.3925

Trichromacy



Original Color

37.5745, 64.6704, 21.7763

Protanomaly

33.2010, 25.4979, 15.9110

Deuteranomaly

34.2398, 30.4071, 20.4847

Tritanomaly

37.6044, 62.6788, 23.6686

Monochromacy



Original Color

37.5745, 64.6704, 21.7763

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.4881, 24.9301, 6.7747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5745, 64.6704, 21.7763 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5745, 64.6704, 21.7763 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, 35) }
```


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

```
.border{ border-color:rgb(212, 0, 35) }
```

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, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 35);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5745, 64.6704, 21.7763 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, 35) }
```

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

```
.background{ background-color: rgb(212, 0,  
35) }
```

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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