

Converting Colors

HunterLab(40.4805, 64.7134,
21.2351)

Have a look what the booklet for
HunterLab(40.4805, 64.7134,
21.2351) contains.

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Color

**HunterLab(40.5593, 64.8079,
21.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	DD1C34
RGB	221, 28, 52
RGB Percent	87%, 11%, 20%
CMY	0.1333, 0.8901, 0.7961
CMYK	0.00, 0.87, 0.76, 0.13
HSL	353°, 77%, 49%
HSV	353°, 87%, 87%
XYZ	30.8539, 16.4506, 4.7979
YIQ	88.4430, 107.3240, 48.3800

Conversions

Conversions Part 2

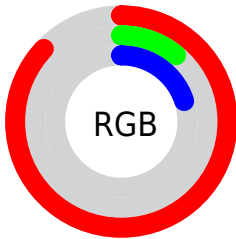
Format	Color
RYB	221, 28, 52
Decimal	14490676
CIELab	47.56, 69.66, 38.95
CIELCh	48, 79.809, 29.209
Yxy	16.4516, 0.5922, 0.3157
Android (android.graphics.Color)	4292680756 (0xFFDD1C34)
YUV	88.4430, -17.9664, 116.2525
Hunter-Lab	40.5593, 64.8079, 21.3779

Details

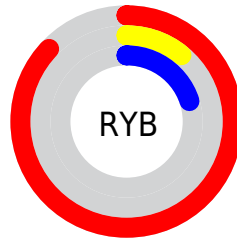
The HunterLab color **40.5593, 64.8079, 21.3779** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74.8278, -44.0781, 3.4714**, and the grayscale version is **31.4425, -1.6777, 1.7083**.

A 20% lighter version of the original color is **55.5844, 56.4212, 22.6472**, and **26.8101, 45.9867, 16.7538** is the 20% darker color. If you saturate the color by 10%, you get **39.5075, 67.0943, 23.3984**, and if you desaturate by 10%, it is **42.5715, 60.1488, 18.8998**.

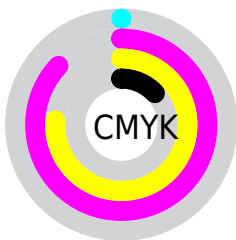
Distribution



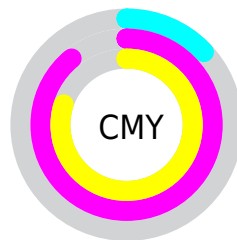
- Red (87%)
- Green (11%)
- Blue (20%)



- Red (87%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5593, 64.8079, 21.3779 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 40.5593, 64.8079, 21.3779 by changing the saturation by 10% instead.

■ 40.5593, 64.8079,
21.3779

■ 40.5593, 64.8079,
21.3779

152.3128, 82.3421,
45.6128

■ 31.3756, 62.5116,
18.0463

■ 61.1395, 69.3113,
27.4638

■ 23.0127, 60.3421,
14.5645

■ 72.4367, 71.4507,
30.2938

■ 15.5623, 58.6274,
10.8936

■ 84.3549, 73.4971,
33.0185

■ 9.1493, 58.4512,
6.4045

■ 96.8634, 75.4482,
35.6573

0.0000, INF, NaN

0.0000, INF, NaN

■ 109.9354, 77.3051,
38.2253

0.0000, NaN, NaN

■ 123.5478, 79.0707,

0.0000, NaN, NaN

40.7344

0.0000, NaN, NaN

137.6797, 80.7484,
43.1943

■ 40.5593, 64.8079,
21.3779

■ 40.5593, 64.8079,
21.3779

■ 39.5075, 67.0943,
23.3984

■ 42.5715, 60.1488,
18.8998

■ 39.3107, 67.5275,
23.7991

■ 45.5917, 53.4334,
16.2431

■ 49.5603, 45.3355,
13.6632

■ 54.3661, 36.5296,
11.3311

■ 59.8850, 27.5116,
9.3262

■ 66.0016, 18.5778,
7.6617

■ 72.6177, 9.8733,
6.3146

■ 79.6535, 1.4495,
5.2472

■ 87.0456, -6.6932,
4.4194

Harmonies

Analogous

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



40.5606, 77.1817, 1.4096



40.5593, 64.8079, 21.3779



40.5606, 33.4382, 27.0185

Triad

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



40.5606, 64.8030, 21.3787



40.5606, -41.9778, 21.9322



40.5606, -2.9938, -106.7593

Complementary

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



40.5593, 64.8079, 21.3779



74.8278, -44.0781, 3.4714

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.



40.5606, -28.5893, -84.0911



40.5593, 64.8079, 21.3779



40.5606, -46.4841, 2.9901

Square

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



40.5606, 64.8030, 21.3787



40.5606, -27.5390, 27.1312



40.5606, -42.4423, -36.8053



40.5606, 31.5498, -86.1924

Rectangle

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



40.5593, 64.8079, 21.3779



40.5606, 9.7189, 28.0240



40.5606, -42.4423, -36.8053



40.5606, -12.8234, -103.7762

Sweetspot

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



40.5606, 64.8030, 21.3787



78.4567, 20.6955, 8.8166



42.0595, 79.3582, -69.1237



35.0915, 11.2557, 4.3678

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.5606, 64.8030, 21.3787



46.2197, 79.3745, 28.1458



49.3339, 38.3838, 29.7492



36.1631, 1.4820, 2.5228



29.9768, 51.5236, 17.9174



7.6878, 13.3281, 3.7075

Inverse Universe

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



40.5606, 64.8030, 21.3787



46.2197, 79.3745, 28.1458



52.3044, -8.0047, -45.4526



36.1631, 1.4820, 2.5228



29.9768, 51.5236, 17.9174



7.6878, 13.3281, 3.7075

Previews

White Background



This preview shows how the HunterLab color 40.5593, 64.8079, 21.3779 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 40.5593, 64.8079, 21.3779 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 40.5593, 64.8079, 21.3779 Background



This preview shows how black text looks on a background with the HunterLab color 40.5593, 64.8079, 21.3779.



This preview shows how white text looks on a background with the HunterLab color 40.5593, 64.8079,

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

40.5593, 64.8079, 21.3779

Protanopia

40.9651, -4.0398, 15.0098

Deuteranopia

40.7706, 2.5728, 22.3763



Tritanopia

40.6861, 63.0358, 24.3842

Trichromacy



Original Color

40.5593, 64.8079, 21.3779

Protanomaly

37.3829, 22.6041, 14.7572

Deuteranomaly

37.9891, 27.7056, 20.1748

Tritanomaly

40.6104, 63.6894, 23.4618

Monochromacy



Original Color

40.5593, 64.8079, 21.3779

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.0462, 22.5488, 6.8129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5593, 64.8079, 21.3779 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(221, 28, 52)` looks like.

```
.text, #text, p{  
    color:rgb(221, 28, 52)  
}
```

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(221, 28, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 28, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5593, 64.8079, 21.3779 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(221, 28, 52) }
```


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

```
.border{ border-color:rgb(221, 28, 52) }
```

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

Here you see how a box with a 4 pixel rgb(221, 28, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 28, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 28, 52);  
box-shadow:4px 4px 4px 4px rgb(221, 28,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5593, 64.8079, 21.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 28, 52) }
```

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

```
.background{ background-color: rgb(221, 28,  
52) }
```

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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