

Converting Colors

HunterLab(40.4392, 60.9130,
21.2791)

Have a look what the booklet for
HunterLab(40.4392, 60.9130,
21.2791) contains.

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Color

**HunterLab(40.4795, 61.1337,
21.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	D92634
RGB	217, 38, 52
RGB Percent	85%, 15%, 20%
CMY	0.1490, 0.8509, 0.7961
CMYK	0.00, 0.82, 0.76, 0.15
HSL	355°, 70%, 50%
HSV	355°, 82%, 85%
XYZ	29.9283, 16.3859, 4.8342
YIQ	93.1170, 102.1900, 42.3020

Conversions

Conversions Part 2

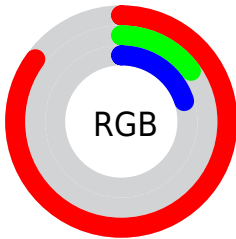
Format	Color
RYB	217, 38, 52
Decimal	14231092
CIELab	47.48, 66.55, 38.62
CIElCh	47, 76.946, 30.130
Yxy	16.3869, 0.5851, 0.3204
Android (android.graphics.Color)	4292421172 (0xFFD92634)
YUV	93.1170, -20.2707, 108.6454
Hunter-Lab	40.4795, 61.1337, 21.2550

Details

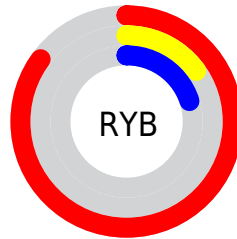
The HunterLab color **40.4795, 61.1337, 21.2550** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **73.7227, -40.8961, -0.7355**, and the grayscale version is **33.1778, -1.7703, 1.8026**.

A 20% lighter version of the original color is **56.4459, 54.0939, 23.3295**, and **26.0615, 44.7068, 16.2537** is the 20% darker color. If you saturate the color by 10%, you get **39.0333, 64.6104, 23.1080**, and if you desaturate by 10%, it is **42.9206, 55.4187, 18.9473**.

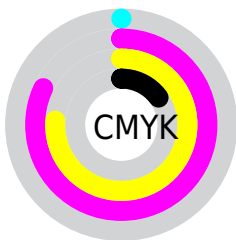
Distribution



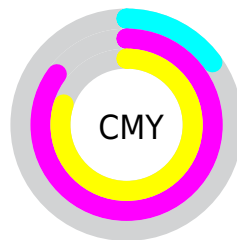
- Red (85%)
- Green (15%)
- Blue (20%)



- Red (85%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (82%)
- Yellow (76%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4795, 61.1337, 21.2550 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 40.4795, 61.1337, 21.2550 by changing the saturation by 10% instead.

40.4795, 61.1337,
21.2550

40.4795, 61.1337,
21.2550

152.1887, 77.8969,
45.3318

31.3023, 58.8835,
17.9464

61.0480, 65.4926,
27.2986

22.9466, 56.7204,
14.4817

72.3398, 67.5474,
30.1094

15.5043, 54.9300,
10.8530

84.2530, 69.5054,
32.8159

9.0987, 54.4916,
6.3691

96.7567, 71.3662,
35.4375

0.0000, INF, NaN

0.0000, INF, NaN

109.8241, 73.1321,
37.9891

0.0000, NaN, NaN

123.4320, 74.8066,

0.0000, NaN, NaN

40.4827

0.0000, NaN, NaN

137.5597, 76.3935,
42.9277

■ 40.4795, 61.1337,
21.2550

■ 40.4795, 61.1337,
21.2550

■ 39.0333, 64.6104,
23.1080

■ 42.9206, 55.4187,
18.9473


■ 38.4603, 65.9693,
24.0394

■ 46.3374, 48.0376,
16.4355


■ 50.6415, 39.6878,
13.9478


■ 55.7127, 30.9541,
11.6331

■ 61.4304, 22.2180,
9.5616

 67.6881, 13.6827,
7.7489

 74.3975, 5.4322,
6.1807

 81.4879, -2.5176,
4.8304

 88.9031, -10.1848,
3.6683

Harmonies

Analogous

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



40.4807, 73.6026, 2.3285



40.4795, 61.1337, 21.2550



40.4807, 30.9256, 26.7823

Triad

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



40.4807, 61.1290, 21.2557



40.4807, -41.1505, 21.1646



40.4807, -2.0304, -100.7491

Complementary

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



40.4795, 61.1337, 21.2550



73.7227, -40.8961, -0.7355

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.



40.4807, -27.1664, -80.6558



40.4795, 61.1337, 21.2550



40.4807, -45.3373, 2.0781

Square

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



40.4807, 61.1290, 21.2557



40.4807, -27.3347, 26.7632



40.4807, -41.0752, -36.3775



40.4807, 31.2221, -80.3317

Rectangle

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



40.4795, 61.1337, 21.2550



40.4807, 8.2564, 27.7169



40.4807, -41.0752, -36.3775



40.4807, -11.6230, -98.3979

Sweetspot

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



40.4807, 61.1290, 21.2557



79.1371, 19.2100, 9.8701



43.5493, 77.8953, -61.1740



35.3749, 10.5663, 4.9208

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4807, 61.1290, 21.2557



46.2324, 78.9942, 28.8799



51.5862, 30.2268, 30.2071



36.1496, 1.4093, 2.7158



29.9339, 51.3646, 18.5530



7.6576, 13.2164, 4.1526

Inverse Universe

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



40.4807, 61.1290, 21.2557



46.2324, 78.9942, 28.8799



49.8943, -4.8149, -47.3467



36.1496, 1.4093, 2.7158



29.9339, 51.3646, 18.5530



7.6576, 13.2164, 4.1526

Previews

White Background



This preview shows how the HunterLab color 40.4795, 61.1337, 21.2550 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 40.4795, 61.1337, 21.2550 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 40.4795, 61.1337, 21.2550 Background



This preview shows how black text looks on a background with the HunterLab color 40.4795, 61.1337, 21.2550.



This preview shows how white text looks on a background with the HunterLab color 40.4795, 61.1337,

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

40.4795, 61.1337, 21.2550

Protanopia

40.6561, -3.7828, 15.2784

Deuteranopia

40.7788, 2.6169, 22.2548



Tritanopia

40.5247, 60.1534, 23.0871

Trichromacy



Original Color

40.4795, 61.1337, 21.2550

Protanomaly

37.7212, 20.3272, 15.2530

Deuteranomaly

38.4752, 25.0384, 20.4746

Tritanomaly

40.4779, 60.5559, 22.5121

Monochromacy



Original Color

40.4795, 61.1337, 21.2550

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.7390, 20.3404, 7.4766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4795, 61.1337, 21.2550 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(217, 38, 52)` looks like.

```
.text, #text, p{  
    color:rgb(217, 38, 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(217, 38, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 38, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4795, 61.1337, 21.2550 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(217, 38, 52) }
```


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

```
.border{ border-color:rgb(217, 38, 52) }
```

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

Here you see how a box with a 4 pixel rgb(217, 38, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 38, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 38, 52);  
box-shadow:4px 4px 4px 4px rgb(217, 38,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4795, 61.1337, 21.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 38, 52) }
```

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

```
.background{ background-color: rgb(217, 38,  
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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