

Converting Colors

HunterLab(42.5469, 68.4586,
20.5050)

Have a look what the booklet for
HunterLab(42.5469, 68.4586,
20.5050) contains.

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Color

**HunterLab(42.5246, 68.4113,
20.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	E61D41
RGB	230, 29, 65
RGB Percent	90%, 11%, 25%
CMY	0.0980, 0.8862, 0.7451
CMYK	0.00, 0.87, 0.72, 0.10
HSL	349°, 80%, 51%
HSV	349°, 87%, 90%
XYZ	34.0267, 18.0834, 6.6981
YIQ	93.2030, 108.2400, 53.8080

Conversions

Conversions Part 2

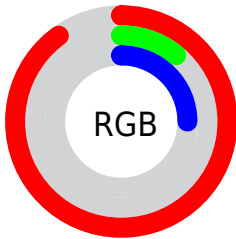
Format	Color
R_{YB}	230, 29, 65
Decimal	15080769
CIE _{Lab}	49.60, 72.28, 34.15
CIE _{LCh}	50, 79.939, 25.289
Yxy	18.0845, 0.5786, 0.3075
Android (android.graphics.Color)	4293270849 (0xFFE61D41)
YUV	93.2030, -13.9041, 119.9710
Hunter-Lab	42.5246, 68.4113, 20.4284

Details

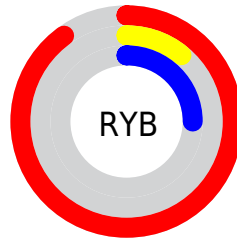
The HunterLab color **42.5246, 68.4113, 20.4284** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **77.9429, -48.1282, 8.3500**, and the grayscale version is **33.1870, -1.7708, 1.8031**.

A 20% lighter version of the original color is **56.3557, 56.1813, 19.2734**, and **28.5812, 49.1626, 16.7907** is the 20% darker color. If you saturate the color by 10%, you get **41.4148, 70.5910, 23.0376**, and if you desaturate by 10%, it is **44.6312, 63.7067, 17.5063**.

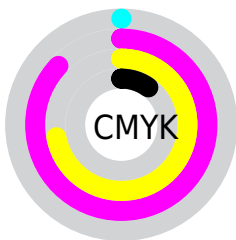
Distribution



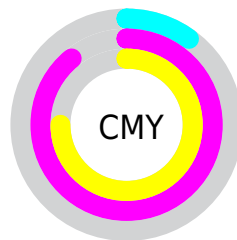
- Red (90%)
- Green (11%)
- Blue (25%)



- Red (90%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (87%)
- Yellow (72%)
- Black (10%)





- Cyan (10%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.5246, 68.4113, 20.4284 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 42.5246, 68.4113, 20.4284 by changing the saturation by 10% instead.


 42.5246, 68.4113,
20.4284


 42.5246, 68.4113,
20.4284

155.3535, 86.4292,
42.0862


 33.1824, 66.0725,
17.5124


 63.3887, 73.0074,
25.7905

 24.6456, 63.8568,
14.3725

 74.8151, 75.1981,
28.3017

 17.0004, 62.0648,
11.9003


 86.8559, 77.2981,
30.7304

 10.3666, 61.5941,
7.2566

 99.4812, 79.3045,
33.0925

0.0000, INF, NaN

0.0000, INF, NaN

 112.6652, 81.2181,
35.4004

0.0000, NaN, NaN

 126.3849, 83.0412,

0.0000, NaN, NaN

37.6637

0.0000, NaN, NaN

140.6204, 84.7771,
39.8902

■ 42.5246, 68.4113,
20.4284

■ 42.5246, 68.4113,
20.4284

■ 41.4148, 70.5910,
23.0376

■ 44.6312, 63.7067,
17.5063

■ 41.2119, 70.9680,
23.5964

■ 47.7840, 56.7874,
14.5928

■ 51.9225, 48.3470,
11.9458

■ 56.9324, 39.0938,
9.7128

■ 62.6855, 29.5573,
7.9409

■ 69.0622, 20.0604,
6.6126

■ 75.9606, 10.7667,
5.6798

■ 83.2978, 1.7394,
5.0859

■ 91.0073, -7.0140,
4.7769

Harmonies

Analogous

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



42.5259, 77.5130, -2.7493



42.5246, 68.4113, 20.4284



42.5259, 38.4857, 27.7488

Triad

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



42.5259, 68.4063, 20.4293



42.5259, -41.7894, 23.9114



42.5259, -7.1816, -106.1617

Complementary

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



42.5246, 68.4113, 20.4284



77.9429, -48.1282, 8.3500

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.



42.5259, -31.8086, -78.7237



42.5246, 68.4113, 20.4284



42.5259, -47.6882, 6.8238

Square

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



42.5259, 68.4063, 20.4293



42.5259, -25.3820, 28.4779



42.5259, -44.6621, -30.8157



42.5259, 27.1534, -91.1189

Rectangle

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



42.5246, 68.4113, 20.4284



42.5259, 14.4110, 28.9692



42.5259, -44.6621, -30.8157



42.5259, -16.7223, -101.2498

Sweetspot

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



42.5259, 68.4063, 20.4293



78.5640, 21.2486, 7.2817



42.3684, 80.7034, -77.2417



35.1468, 11.5377, 3.5757

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5259, 68.4063, 20.4293



46.3190, 79.7425, 26.6756



49.6811, 45.0625, 30.0130



37.9604, 1.6667, 2.4074



31.0294, 53.4741, 17.4518



8.5077, 14.8049, 3.6747

Inverse Universe

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



42.5259, 68.4063, 20.4293



46.3190, 79.7425, 26.6756



57.7732, -13.0734, -41.4573



37.9604, 1.6667, 2.4074



31.0294, 53.4741, 17.4518



8.5077, 14.8049, 3.6747

Previews

White Background



This preview shows how the HunterLab color 42.5246, 68.4113, 20.4284 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 42.5246, 68.4113, 20.4284 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.5246, 68.4113, 20.4284 Background



This preview shows how black text looks on a background with the HunterLab color 42.5246, 68.4113, 20.4284.

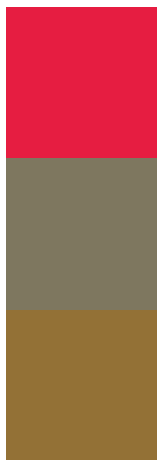


This preview shows how white text looks on a background with the HunterLab color 42.5246, 68.4113,

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

42.5246, 68.4113, 20.4284

Protanopia

42.9599, -3.4364, 11.4696

Deuteranopia

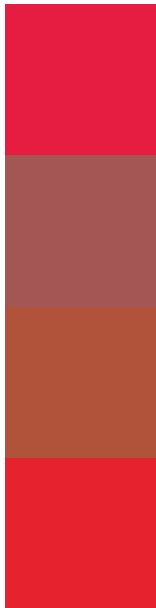
42.7547, 2.8490, 21.5553



Tritanopia

42.5401, 65.1292, 25.2440

Trichromacy



Original Color

42.5246, 68.4113, 20.4284

Protanomaly

38.9720, 24.4926, 11.6828

Deuteranomaly

39.6071, 29.4422, 18.9288

Tritanomaly

42.4164, 66.1542, 23.8247

Monochromacy



Original Color

42.5246, 68.4113, 20.4284

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.9310, 24.1064, 5.9799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5246, 68.4113, 20.4284 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(230, 29, 65)` looks like.

```
.text, #text, p{  
    color:rgb(230, 29, 65)  
}
```

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(230, 29, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 29, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5246, 68.4113, 20.4284 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(230, 29, 65) }
```


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

```
.border{ border-color:rgb(230, 29, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 29, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 29, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 29, 65);  
box-shadow:4px 4px 4px 4px rgb(230, 29,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5246, 68.4113, 20.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 29, 65) }
```

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

```
.background{ background-color: rgb(230, 29,  
65) }
```

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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