

Converting Colors

HunterLab(36.5558, 52.7040,
20.3038)

Have a look what the booklet for
HunterLab(36.5558, 52.7040,
20.3038) contains.

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Color

**HunterLab(36.5148, 52.7209,
20.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	C42727
RGB	196, 39, 39
RGB Percent	77%, 15%, 15%
CMY	0.2314, 0.8470, 0.8471
CMYK	0.00, 0.80, 0.80, 0.23
HSL	0°, 67%, 46%
HSV	0°, 80%, 77%
XYZ	23.8567, 13.3333, 3.2357
YIQ	85.9430, 93.5720, 33.2840

Conversions

Conversions Part 2

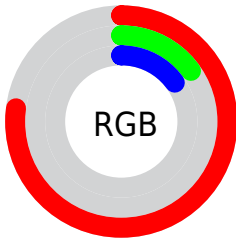
Format	Color
RYB	196, 39, 39
Decimal	12855079
CIELab	43.26, 59.96, 40.23
CIElCh	43, 72.203, 33.858
Yxy	13.3341, 0.5901, 0.3298
Android (android.graphics.Color)	4291045159 (0xFFC42727)
YUV	85.9430, -23.1429, 96.5200
Hunter-Lab	36.5148, 52.7209, 20.3065

Details

The HunterLab color **36.5148, 52.7209, 20.3065** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **66.2500, -33.6594, -6.5041**, and the grayscale version is **30.5451, -1.6298, 1.6596**.

A 20% lighter version of the original color is **55.7048, 54.5230, 26.1321**, and **22.5130, 38.5541, 14.5473** is the 20% darker color. If you saturate the color by 10%, you get **35.0200, 56.5889, 21.4961**, and if you desaturate by 10%, it is **38.9044, 47.0252, 18.5726**.

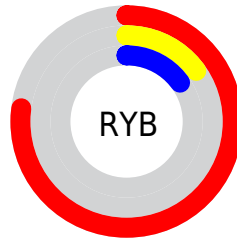
Distribution



Red (77%)

Green (15%)

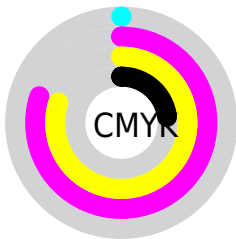
Blue (15%)



Red (77%)

Yellow (15%)

Blue (15%)

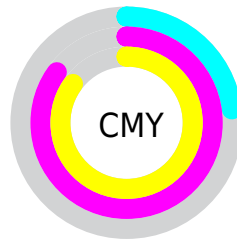


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (23%)



Cyan (23%)



Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5148, 52.7209, 20.3065 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 36.5148, 52.7209, 20.3065 by changing the saturation by 10% instead.

 36.5148, 52.7209, 20.3065	 36.5148, 52.7209, 20.3065
145.9617, 68.0923, 45.5849	 27.6750, 50.5856, 16.7667
 56.4825, 56.8087, 26.7260	 19.6915, 48.5241, 13.7841
 67.5019, 58.7130, 29.6916	 12.6701, 46.8607, 8.8690
 79.1572, 60.5147, 32.5365	 6.0098, 55.5062, 4.2068
 91.4154, 62.2154, 35.2832	0.0000, INF, NaN
	0.0000, NaN, NaN
 104.2482, 63.8189, 37.9490	0.0000, NaN, NaN
 117.6309, 65.3298,	0.0000, NaN, NaN

40.5476

0.0000, NaN, NaN

131.5419, 66.7527,
43.0900

36.5148, 52.7209,
20.3065

36.5148, 52.7209,
20.3065

35.0200, 56.5889,
21.4961

38.9044, 47.0252,
18.5726

34.2579, 58.6651,
22.1366

42.1514, 40.0925,
16.4838

46.1664, 32.5335,
14.2403

50.8401, 24.8150,
11.9907

56.0667, 17.2184,
9.8217

■ 61.7547, 9.8793,
7.7721

■ 67.8294, 2.8422,
5.8516

■ 74.2307, -3.8973,
4.0544

■ 80.9116, -10.3665,
2.3678

Harmonies

Analogous

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



36.5159, 66.6368, 5.1926



36.5148, 52.7209, 20.3065



36.5159, 24.1987, 24.4517

Triad

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



36.5159, 52.7168, 20.3071



36.5159, -38.1562, 17.8624



36.5159, 1.6518, -91.2901

Complementary

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



36.5148, 52.7209, 20.3065



66.2500, -33.6594, -6.5041

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.



36.5159, -22.3340, -77.3513



36.5148, 52.7209, 20.3065



36.5159, -40.9732, -1.5370

Square

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



36.5159, 52.7168, 20.3071



36.5159, -26.8518, 23.8983



36.5159, -36.1372, -38.2549



36.5159, 32.1695, -68.6288

Rectangle

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



36.5148, 52.7209, 20.3065



36.5159, 3.8423, 25.2431



36.5159, -36.1372, -38.2549



36.5159, -7.4031, -90.7860

Sweetspot

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



36.5159, 52.7168, 20.3071



79.7765, 17.4717, 11.6191



41.4394, 71.5841, -47.9324



35.6362, 9.7445, 5.8406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.5159, 52.7168, 20.3071



46.3726, 78.2332, 29.5697



49.7208, 19.0770, 28.6828



31.7459, 1.0845, 2.6563



27.4610, 47.0250, 17.7446



5.7085, 9.7734, 3.6887

Inverse Universe

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



66.2500, -33.6594, -6.5041



88.7654, -46.8880, -9.3164



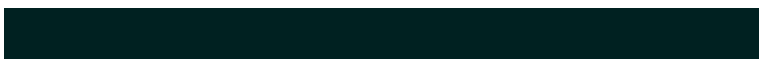
41.5407, 1.2988, -48.9184



33.8058, -4.4128, 0.9619



52.8430, -28.0119, -5.5794



10.9843, -5.8229, -1.1595

Previews

White Background



This preview shows how the HunterLab color 36.5148, 52.7209, 20.3065 looks on a white background.

Color Contrast Check

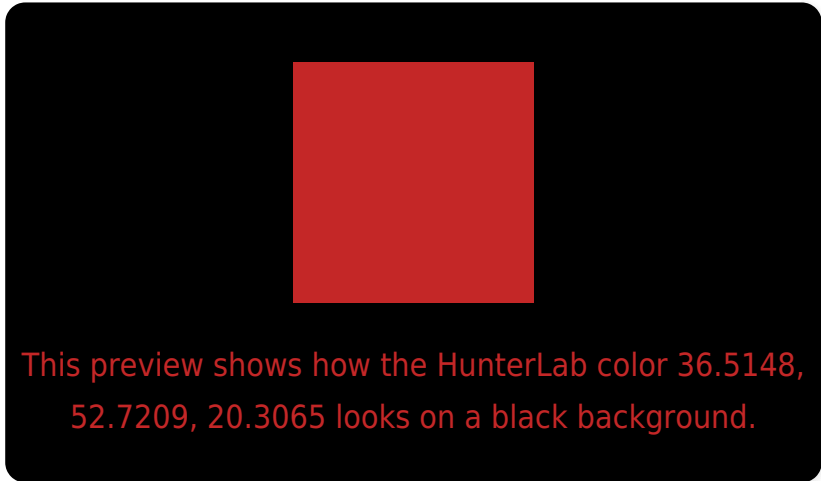
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 36.5148, 52.7209, 20.3065 Background



This preview shows how black text looks on a background with the HunterLab color 36.5148, 52.7209, 20.3065.



This preview shows how white text looks on a background with the HunterLab color 36.5148, 52.7209,

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

36.5148, 52.7209, 20.3065

Protanopia

36.8420, -3.7741, 16.4063

Deuteranopia

36.8122, 2.2470, 21.2416



Tritanopia

36.5148, 52.7209, 20.3065

Trichromacy



Original Color

36.5148, 52.7209, 20.3065

Protanomaly

34.4919, 16.9866, 16.3640

Deuteranomaly

35.0307, 21.3184, 19.8801

Tritanomaly

36.5148, 52.7209, 20.3065

Monochromacy



Original Color

36.5148, 52.7209, 20.3065

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.2019, 16.9257, 7.8537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5148, 52.7209, 20.3065 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(196, 39, 39)` looks like.

```
.text, #text, p{  
    color:rgb(196, 39, 39)  
}
```

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(196, 39, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 39, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5148, 52.7209, 20.3065 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(196, 39, 39) }
```


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

```
.border{ border-color:rgb(196, 39, 39) }
```

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

Here you see how a box with a 4 pixel rgb(196, 39, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 39, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 39, 39);  
box-shadow:4px 4px 4px 4px rgb(196, 39,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5148, 52.7209, 20.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 39, 39) }
```

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

```
.background{ background-color: rgb(196, 39,  
39) }
```

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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