

Converting Colors

HunterLab(36.9860, 53.2034,
20.5015)

Have a look what the booklet for
HunterLab(36.9860, 53.2034,
20.5015) contains.

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Color

**HunterLab(36.9818, 53.2004,
20.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	C62828
RGB	198, 40, 40
RGB Percent	78%, 16%, 16%
CMY	0.2235, 0.8431, 0.8431
CMYK	0.00, 0.80, 0.80, 0.22
HSL	0°, 66%, 47%
HSV	0°, 80%, 78%
XYZ	24.4305, 13.6765, 3.3596
YIQ	87.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

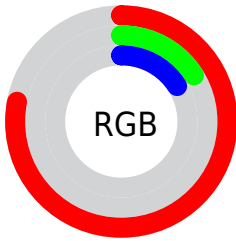
Format	Color
R_{YB}	198, 40, 40
Decimal	12986408
CIE _{Lab}	43.77, 60.29, 40.31
CIE _{LCh}	44, 72.531, 33.768
Yxy	13.6774, 0.5891, 0.3298
Android (android.graphics.Color)	4291176488 (0xFFC62828)
YUV	87.2420, -23.2903, 97.1348
Hunter-Lab	36.9818, 53.2004, 20.5010

Details

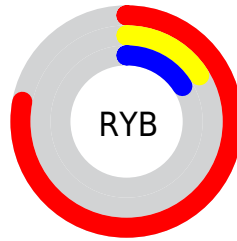
The HunterLab color **36.9818, 53.2004, 20.5010** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **67.0149, -34.0154, -6.5684**, and the grayscale version is **31.0215, -1.6552, 1.6855**.

A 20% lighter version of the original color is **55.8921, 54.1219, 26.0486**, and **22.8785, 39.1801, 14.7835** is the 20% darker color. If you saturate the color by 10%, you get **35.4469, 57.1657, 21.7203**, and if you desaturate by 10%, it is **39.4231, 47.3960, 18.7344**.

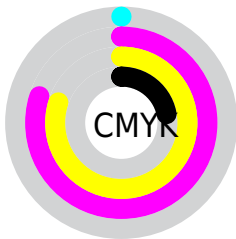
Distribution



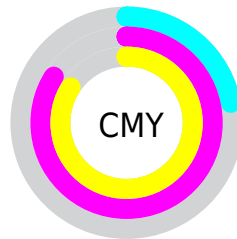
- Red (78%)
- Green (16%)
- Blue (16%)



- Red (78%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9818, 53.2004, 20.5010 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 36.9818, 53.2004, 20.5010 by changing the saturation by 10% instead.

36.9818, 53.2004,
20.5010

36.9818, 53.2004,
20.5010

146.7019, 68.6211,
45.7787

28.1009, 51.0592,
16.9675

57.0223, 57.2977,
26.9142

20.0720, 48.9874,
13.9137

68.0747, 59.2070,
29.8788

12.9989, 47.2965,
9.0993

79.7611, 61.0140,
32.7236

6.4575, 53.4360,
4.5202

92.0489, 62.7202,
35.4708

0.0000, INF, NaN

0.0000, NaN, NaN

104.9100, 64.3295,
38.1377

0.0000, NaN, NaN

118.3199, 65.8462,

0.0000, NaN, NaN

40.7377

0.0000, NaN, NaN

132.2569, 67.2752,
43.2818

36.9818, 53.2004,
20.5010

36.9818, 53.2004,
20.5010

35.4469, 57.1657,
21.7203

39.4231, 47.3960,
18.7344

34.6635, 59.2978,
22.3780

42.7310, 40.3553,
16.6138

34.6497, 59.3360,
22.3898

46.8139, 32.6951,
14.3413

51.5609, 24.8835,
12.0658

56.8651, 17.2008,
9.8735

■ 62.6343, 9.7812,
7.8028

■ 68.7930, 2.6680,
5.8628

■ 75.2811, -4.1446,
4.0473

■ 82.0509, -10.6842,
2.3436

Harmonies

Analogous

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



36.9829, 67.1548, 5.1753



36.9818, 53.2004, 20.5010



36.9829, 24.4856, 24.7225

Triad

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



36.9829, 53.1962, 20.5016



36.9829, -38.5188, 18.0828



36.9829, 1.5724, -91.8957

Complementary

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



36.9818, 53.2004, 20.5010



67.0149, -34.0154, -6.5684

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.



36.9829, -22.6060, -77.7706



36.9818, 53.2004, 20.5010



36.9829, -41.3921, -1.4556

Square

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



36.9829, 53.1962, 20.5016



36.9829, -27.0632, 24.1831



36.9829, -36.5244, -38.4016



36.9829, 32.3323, -69.2007

Rectangle

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



36.9818, 53.2004, 20.5010



36.9829, 3.9553, 25.5117



36.9829, -36.5244, -38.4016



36.9829, -7.5542, -91.3490

Sweetspot

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



36.9829, 53.1962, 20.5016



79.7766, 17.4716, 11.6191



41.9529, 72.2670, -48.3876



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.



36.9829, 53.1962, 20.5016



46.3727, 78.2331, 29.5697



50.3512, 19.1895, 28.9983



32.6146, 1.1245, 2.7325



27.9427, 47.8500, 18.0559



6.0808, 10.4107, 3.9292

Inverse Universe

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



67.0149, -34.0154, -6.5684



88.7652, -46.8878, -9.3167



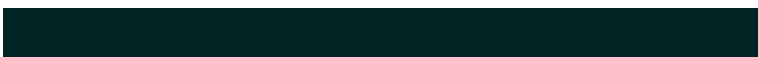
42.0974, 1.2315, -49.2830



34.7382, -4.5431, 0.9856



53.7699, -28.5032, -5.6775



11.7006, -6.2026, -1.2351

Previews

White Background



This preview shows how the HunterLab color 36.9818, 53.2004, 20.5010 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 36.9818, 53.2004, 20.5010 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 36.9818, 53.2004, 20.5010 Background



This preview shows how black text looks on a background with the HunterLab color 36.9818, 53.2004, 20.5010.



This preview shows how white text looks on a background with the HunterLab color 36.9818, 53.2004,

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

36.9818, 53.2004, 20.5010

Protanopia

37.4880, -4.2491, 16.6945

Deuteranopia

37.1862, 2.2214, 21.2996



Tritanopia

36.9818, 53.2004, 20.5010

Trichromacy



Original Color

36.9818, 53.2004, 20.5010

Protanomaly

34.8477, 16.9626, 16.4412

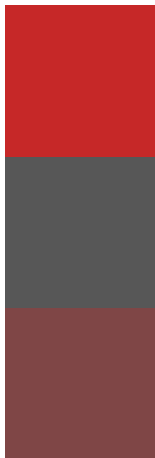
Deuteranomaly

35.3859, 21.3204, 19.8883

Tritanomaly

36.9818, 53.2004, 20.5010

Monochromacy



Original Color

36.9818, 53.2004, 20.5010

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.5525, 16.9227, 7.8781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9818, 53.2004, 20.5010 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(198, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(198, 40, 40)  
}
```

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(198, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 40, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9818, 53.2004, 20.5010 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(198, 40, 40) }
```


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

```
.border{ border-color:rgb(198, 40, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 40, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(198, 40,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9818, 53.2004, 20.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 40, 40) }
```

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

```
.background{ background-color: rgb(198, 40,  
40) }
```

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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