

Converting Colors

HunterLab(36.2778, 51.3013,
19.8134)

Have a look what the booklet for
HunterLab(36.2778, 51.3013,
19.8134) contains.

HunterLab(36.3529, 51.4841, 19.8803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.3529, 51.4841,
19.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	C22929
RGB	194, 41, 41
RGB Percent	76%, 16%, 16%
CMY	0.2392, 0.8392, 0.8392
CMYK	0.00, 0.79, 0.79, 0.24
HSL	0°, 65%, 46%
HSV	0°, 79%, 76%
XYZ	23.4413, 13.2153, 3.4132
YIQ	86.7470, 91.1880, 32.4360

Conversions

Conversions Part 2

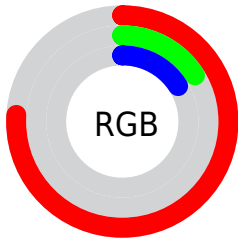
Format	Color
RYB	194, 41, 41
Decimal	12724521
CIELab	43.09, 58.87, 38.81
CIElCh	43, 70.516, 33.395
Yxy	13.2161, 0.5850, 0.3298
Android (android.graphics.Color)	4290914601 (0xFFC22929)
YUV	86.7470, -22.5533, 94.0609
Hunter-Lab	36.3529, 51.4841, 19.8803

Details

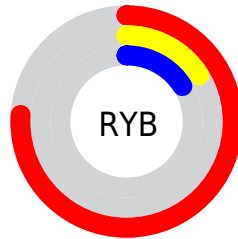
The HunterLab color **36.3529, 51.4841, 19.8803** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **65.5319, -33.1258, -6.3766**, and the grayscale version is **30.8380, -1.6454, 1.6755**.

A 20% lighter version of the original color is **55.9066, 54.1866, 25.8355**, and **22.1484, 37.9299, 14.3118** is the 20% darker color. If you saturate the color by 10%, you get **34.7633, 55.5613, 21.1332**, and if you desaturate by 10%, it is **38.8262, 45.6641, 18.1107**.

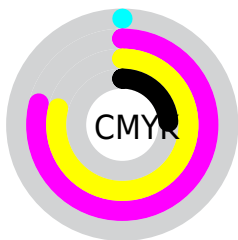
Distribution



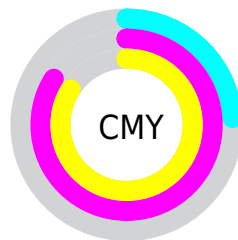
- Red (76%)
- Green (16%)
- Blue (16%)



- Red (76%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (24%)





- Cyan (24%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3529, 51.4841, 19.8803 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 36.3529, 51.4841, 19.8803 by changing the saturation by 10% instead.


 36.3529, 51.4841,
19.8803


 36.3529, 51.4841,
19.8803


145.7046, 66.5745,
44.4293


 27.5274, 49.3692,
16.4489


 56.2952, 55.5162,
26.1022


 19.5598, 47.3163,
13.4813

 67.3032, 57.3893,
28.9784

 12.5564, 45.6375,
8.7895


 78.9476, 59.1588,
31.7394

 5.8461, 55.0532,
4.0922

 91.1955, 60.8270,
34.4068

0.0000, INF, NaN

0.0000, NaN, NaN

 104.0184, 62.3978,
36.9977

0.0000, NaN, NaN

 117.3917, 63.8761,

0.0000, NaN, NaN

39.5250

0.0000, NaN, NaN

131.2936, 65.2668,
41.9994

36.3529, 51.4841,
19.8803

36.3529, 51.4841,
19.8803

34.7633, 55.5613,
21.1332

38.8262, 45.6641,
18.1107

33.9444, 57.7807,
21.8175

42.1367, 38.7041,
16.0173

33.8668, 57.9954,
21.8839

46.1922, 31.1947,
13.7933

50.8840, 23.5729,
11.5774

56.1094, 16.0952,
9.4481

■ 61.7802, 8.8811,
7.4393

■ 67.8245, 1.9666,
5.5577

■ 74.1850, -4.6566,
3.7965

■ 80.8163, -11.0170,
2.1429

Harmonies

Analogous

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



36.3540, 64.6361, 4.7478



36.3529, 51.4841, 19.8803



36.3540, 23.9641, 24.1663

Triad

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



36.3540, 51.4801, 19.8809



36.3540, -37.3439, 17.7377



36.3540, 1.1418, -88.0271

Complementary

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



36.3529, 51.4841, 19.8803



65.5319, -33.1258, -6.3766

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.



36.3540, -22.1578, -74.1259



36.3529, 51.4841, 19.8803



36.3540, -40.2501, -1.0267

Square

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



36.3540, 51.4801, 19.8809



36.3540, -26.0604, 23.6829



36.3540, -35.5888, -36.3616



36.3540, 30.7711, -66.7530

Rectangle

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



36.3529, 51.4841, 19.8803



36.3540, 4.1411, 24.9643



36.3540, -35.5888, -36.3616



36.3540, -7.6491, -87.3480

Sweetspot

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



36.3540, 51.4801, 19.8809



78.8797, 17.2607, 11.4835



41.1706, 70.0663, -46.9051



35.6362, 9.7446, 5.8405

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.3540, 51.4801, 19.8809



45.9200, 77.1403, 29.1708



49.4660, 18.3276, 28.2870



31.7459, 1.0845, 2.6563



27.4609, 47.0251, 17.7446



5.7085, 9.7734, 3.6887

Inverse Universe

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



65.5319, -33.1258, -6.3766



87.7675, -46.3142, -9.1954



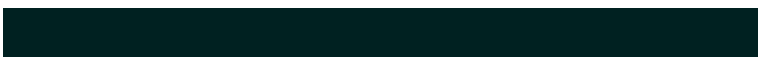
41.4800, 0.8745, -47.3776



33.8058, -4.4128, 0.9620



52.8432, -28.0121, -5.5792



10.9843, -5.8229, -1.1594

Previews

White Background



This preview shows how the HunterLab color 36.3529, 51.4841, 19.8803 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 36.3529, 51.4841, 19.8803 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 36.3529, 51.4841, 19.8803 Background



This preview shows how black text looks on a background with the HunterLab color 36.3529, 51.4841, 19.8803.



This preview shows how white text looks on a background with the HunterLab color 36.3529, 51.4841,

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

36.3529, 51.4841, 19.8803

Protanopia

36.7790, -3.9410, 15.9239

Deuteranopia

36.7304, 2.0219, 20.7921



Tritanopia

36.3529, 51.4841, 19.8803

Trichromacy



Original Color

36.3529, 51.4841, 19.8803

Protanomaly

34.2579, 16.3500, 15.7731

Deuteranomaly

34.9140, 21.0352, 19.4387

Tritanomaly

36.3529, 51.4841, 19.8803

Monochromacy



Original Color

36.3529, 51.4841, 19.8803

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.4272, 16.5624, 7.7482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3529, 51.4841, 19.8803 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(194, 41, 41)` looks like.

```
.text, #text, p{  
    color:rgb(194, 41, 41)  
}
```

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(194, 41, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 41, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3529, 51.4841, 19.8803 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(194, 41, 41) }
```


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

```
.border{ border-color:rgb(194, 41, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 41, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 41, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 41, 41);  
box-shadow:4px 4px 4px 4px rgb(194, 41,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3529, 51.4841, 19.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 41, 41) }
```

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

```
.background{ background-color: rgb(194, 41,  
41) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor