

Converting Colors

HunterLab(40.3359, 50.9813,
21.4761)

Have a look what the booklet for
HunterLab(40.3359, 50.9813,
21.4761) contains.

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Color

**HunterLab(40.3359, 50.9813,
21.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	CE3931
RGB	206, 57, 49
RGB Percent	81%, 22%, 19%
CMY	0.1922, 0.7764, 0.8078
CMYK	0.00, 0.72, 0.76, 0.19
HSL	3°, 62%, 50%
HSV	3°, 76%, 81%
XYZ	27.4711, 16.2698, 4.5983
YIQ	100.6390, 91.3720, 29.1000

Conversions

Conversions Part 2

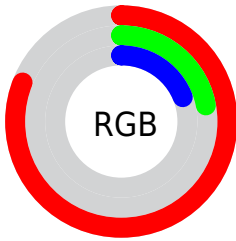
Format	Color
R_{YB}	206, 57, 49
Decimal	13515057
CIE _{Lab}	47.33, 57.62, 39.54
CIE _{LCh}	47, 69.881, 34.456
Yxy	16.2708, 0.5683, 0.3366
Android (android.graphics.Color)	4291705137 (0xFFCE3931)
YUV	100.6390, -25.4580, 92.4016
Hunter-Lab	40.3359, 50.9813, 21.4761

Details

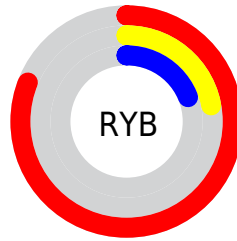
The HunterLab color **40.3359, 50.9813, 21.4761** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **67.4482, -31.7623, -10.3241**, and the grayscale version is **36.0091, -1.9214, 1.9564**.

A 20% lighter version of the original color is **58.4287, 48.5711, 25.6244**, and **24.3681, 41.7671, 15.4673** is the 20% darker color. If you saturate the color by 10%, you get **38.1570, 56.4631, 22.7542**, and if you desaturate by 10%, it is **43.3650, 44.1795, 19.6625**.

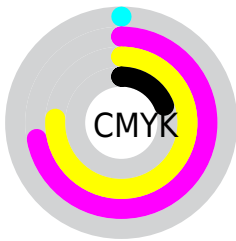
Distribution



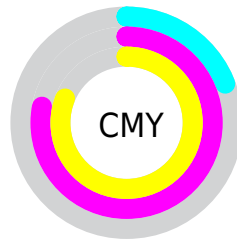
- Red (81%)
- Green (22%)
- Blue (19%)



- Red (81%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (72%)
- Yellow (76%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3359, 50.9813, 21.4761 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 40.3359, 50.9813, 21.4761 by changing the saturation by 10% instead.

40.3359, 50.9813,
21.4761

40.3359, 50.9813,
21.4761

151.9653, 65.3702,
46.0335

31.1705, 48.9083,
18.0929

60.8833, 54.8642,
27.6523

22.8277, 46.8269,
14.6030

72.1655, 56.6541,
30.5222

15.4001, 44.9150,
10.7801

84.0696, 58.3403,
33.2840

9.0069, 43.8709,
6.3048

96.5646, 59.9267,
35.9575

0.0000, INF, NaN

0.0000, INF, NaN

109.6237, 61.4179,
38.5581

0.0000, NaN, NaN

123.2237, 62.8189,

0.0000, NaN, NaN

41.0981

0.0000, NaN, NaN

137.3437, 64.1348,
43.5872

■ 40.3359, 50.9813,
21.4761

■ 40.3359, 50.9813,
21.4761

■ 38.1570, 56.4631,
22.7542

■ 43.3650, 44.1795,
19.6625

■ 36.8356, 60.1298,
23.3900

■ 47.1688, 36.6606,
17.4920

■ 36.5376, 60.9663,
23.5816

■ 51.6498, 28.9048,
15.1348

■ 56.7071, 21.2277,
12.7143

■ 62.2497, 13.7964,
10.3058

■ 68.2007, 6.6775,
7.9480

■ 74.4979, -0.1209,
5.6568

■ 81.0912, -6.6197,
3.4351

■ 87.9407, -12.8521,
1.2787

Harmonies

Analogous

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



40.3371, 64.7594, 5.8901



40.3359, 50.9813, 21.4761



40.3371, 23.1040, 26.2715

Triad

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



40.3371, 50.9772, 21.4768



40.3371, -39.4665, 18.3528



40.3371, 2.0107, -86.2248

Complementary

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



40.3359, 50.9813, 21.4761



67.4482, -31.7623, -10.3241

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.



40.3371, -22.4089, -73.9807



40.3359, 50.9813, 21.4761



40.3371, -42.3190, -1.8851

Square

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



40.3371, 50.9772, 21.4768



40.3371, -27.7922, 25.4932



40.3371, -36.9887, -37.5719



40.3371, 32.0976, -64.6163

Rectangle

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



40.3359, 50.9813, 21.4761



40.3371, 3.0502, 26.9982



40.3371, -36.9887, -37.5719



40.3371, -7.1079, -86.0028

Sweetspot

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



40.3371, 50.9772, 21.4768



81.4039, 14.8654, 12.2313



44.0483, 71.8889, -43.6335



36.4115, 8.4379, 6.1716

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3371, 50.9772, 21.4768



47.4461, 74.9387, 29.5383



55.4701, 14.6570, 31.3311



33.6213, 0.9302, 2.9588



28.7464, 47.5879, 18.5465



6.7764, 9.9982, 4.3506

Inverse Universe

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



67.4482, -31.7623, -10.3241



84.6164, -41.5456, -14.8780



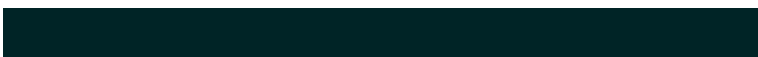
42.9630, 4.0942, -54.0374



35.5318, -4.4470, 0.8412



51.9206, -25.6544, -9.5157



11.9225, -5.9848, -1.9827

Previews

White Background



This preview shows how the HunterLab color 40.3359, 50.9813, 21.4761 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 40.3359, 50.9813, 21.4761 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 40.3359, 50.9813, 21.4761 Background



This preview shows how black text looks on a background with the HunterLab color 40.3359, 50.9813, 21.4761.



This preview shows how white text looks on a background with the HunterLab color 40.3359, 50.9813,

21.4761.

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

40.3359, 50.9813, 21.4761

Protanopia

40.6063, -4.2407, 17.4213

Deuteranopia

40.3956, 2.6246, 22.2461



Tritanopia

40.3183, 51.7751, 19.8638

Trichromacy



Original Color

40.3359, 50.9813, 21.4761

Protanomaly

38.7621, 15.3164, 17.6142

Deuteranomaly

39.1296, 20.5111, 21.1515

Tritanomaly

40.2815, 51.6227, 20.4050

Monochromacy



Original Color

40.3359, 50.9813, 21.4761

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.4897, 15.4448, 8.8029

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3359, 50.9813, 21.4761 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(206, 57, 49)` looks like.

```
.text, #text, p{  
    color:rgb(206, 57, 49)  
}
```

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(206, 57, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 57, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3359, 50.9813, 21.4761 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(206, 57, 49) }
```


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

```
.border{ border-color:rgb(206, 57, 49) }
```

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

Here you see how a box with a 4 pixel rgb(206, 57, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 57, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 57, 49);  
box-shadow:4px 4px 4px 4px rgb(206, 57,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3359, 50.9813, 21.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 57, 49) }
```

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

```
.background{ background-color: rgb(206, 57,  
49) }
```

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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