

Converting Colors

HunterLab(38.7586, 55.5622,
14.8241)

Have a look what the booklet for
HunterLab(38.7586, 55.5622,
14.8241) contains.

HunterLab(38.7199, 55.6293, 14.9126)	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(38.7199, 55.6293,
14.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	CB2C4A
RGB	203, 44, 74
RGB Percent	80%, 17%, 29%
CMY	0.2039, 0.8274, 0.7098
CMYK	0.00, 0.78, 0.64, 0.20
HSL	349°, 64%, 48%
HSV	349°, 78%, 80%
XYZ	26.7653, 14.9923, 7.9617
YIQ	94.9610, 85.1340, 43.0380

Conversions

Conversions Part 2

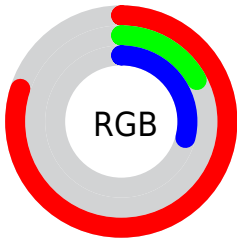
Format	Color
RYB	203, 44, 74
Decimal	13315146
CIELab	45.62, 62.11, 22.62
CIELCh	46, 66.096, 20.009
Yxy	14.9932, 0.5383, 0.3015
Android (android.graphics.Color)	4291505226 (0xFFCB2C4A)
YUV	94.9610, -10.3338, 94.7502
Hunter-Lab	38.7199, 55.6293, 14.9126

Details

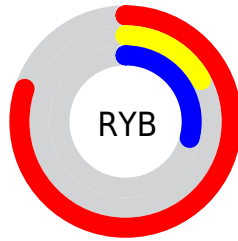
The HunterLab color **38.7199, 55.6293, 14.9126** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **68.0184, -40.4633, 6.7370**, and the grayscale version is **33.8311, -1.8051, 1.8381**.

A 20% lighter version of the original color is **57.2436, 55.1265, 17.1677**, and **24.0034, 41.5188, 12.3157** is the 20% darker color. If you saturate the color by 10%, you get **36.9306, 59.5948, 17.4735**, and if you desaturate by 10%, it is **41.4064, 49.7330, 12.3833**.

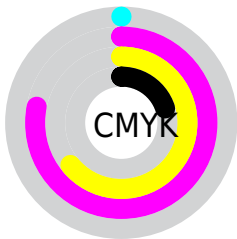
Distribution



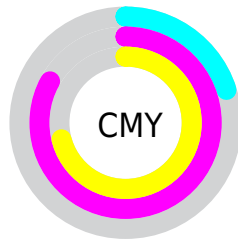
- Red (80%)
- Green (17%)
- Blue (29%)



- Red (80%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (78%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7199, 55.6293, 14.9126 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 38.7199, 55.6293, 14.9126 by changing the saturation by 10% instead.

■ 38.7199, 55.6293,
14.9126

■ 38.7199, 55.6293,
14.9126

149.4406, 71.3842,
31.0691

■ 29.6894, 53.4563,
12.8282

■ 59.0265, 59.7922,
18.7898

■ 21.4953, 51.3449,
10.5890

■ 70.1994, 61.7369,
20.6313

■ 14.2350, 49.5735,
8.7055

■ 81.9999, 63.5808,
22.4298

■ 7.8912, 50.6337,
5.5238

■ 94.3962, 65.3251,
24.1958

0.0000, INF, NaN

0.0000, INF, NaN

■ 107.3610, 66.9732,
25.9372

0.0000, NaN, NaN

■ 120.8704, 68.5295,

0.0000, NaN, NaN

27.6602

0.0000, NaN, NaN

134.9032, 69.9983,
29.3696

■ 38.7199, 55.6293,
14.9126

■ 38.7199, 55.6293,
14.9126

■ 36.9306, 59.5948,
17.4735

■ 41.4064, 49.7330,
12.3833

■ 35.9598, 61.4990,
19.7672

■ 44.9366, 42.5047,
10.1018

■ 35.8305, 61.7567,
20.0848

■ 49.2161, 34.5456,
8.1932

■ 54.1366, 26.3157,
6.6954

■ 59.5959, 18.1001,
5.5912

■ 65.5067, 10.0464,
4.8371

■ 71.7975, 2.2146,
4.3828

■ 78.4111, -5.3854,
4.1804

■ 85.3020, -12.7679,
4.1882

Harmonies

Analogous

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



38.7211, 59.0302, -6.8906



38.7199, 55.6293, 14.9126



38.7211, 34.7567, 23.5206

Triad

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



38.7211, 55.6252, 14.9134



38.7211, -32.9323, 21.6996



38.7211, -10.2141, -77.7297

Complementary

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



38.7199, 55.6293, 14.9126



68.0184, -40.4633, 6.7370

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.



38.7211, -28.8131, -53.3737



38.7199, 55.6293, 14.9126



38.7211, -39.4958, 9.3590

Square

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



38.7211, 55.6252, 14.9134



38.7211, -17.4600, 25.3120



38.7211, -38.2136, -17.4934



38.7211, 16.1811, -72.3414

Rectangle

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



38.7199, 55.6293, 14.9126



38.7211, 16.1638, 25.3129



38.7211, -38.2136, -17.4934



38.7211, -17.4476, -72.3542

Sweetspot

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



38.7211, 55.6252, 14.9134



80.8846, 18.1659, 6.6935



38.4640, 65.0378, -62.2511



36.1416, 10.1779, 3.2747

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.7211, 55.6252, 14.9134



46.8421, 79.0053, 24.7459



45.2574, 34.7262, 25.3720



33.5375, 1.4382, 2.0843



28.6013, 49.3313, 15.7625



6.5776, 11.5047, 2.3870

Inverse Universe

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



38.7211, 55.6252, 14.9134



46.8421, 79.0053, 24.7459



53.2836, -14.2176, -30.2844



33.5375, 1.4382, 2.0843



28.6013, 49.3313, 15.7625



6.5776, 11.5047, 2.3870

Previews

White Background



This preview shows how the HunterLab color 38.7199, 55.6293, 14.9126 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 38.7199, 55.6293, 14.9126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

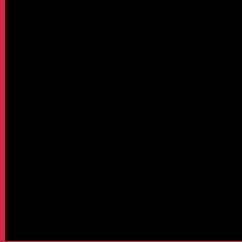
Any Text WCAG AA × Fail

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 38.7199, 55.6293, 14.9126 Background



This preview shows how black text looks on a background with the HunterLab color 38.7199, 55.6293, 14.9126.



This preview shows how white text looks on a background with the HunterLab color 38.7199, 55.6293,

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

38.7199, 55.6293, 14.9126

Protanopia

38.9556, -1.6325, 5.2371

Deuteranopia

38.9865, 2.5087, 16.2288



Tritanopia

38.7085, 52.3000, 20.1455

Trichromacy



Original Color

38.7199, 55.6293, 14.9126

Protanomaly

36.5559, 18.9926, 6.8053

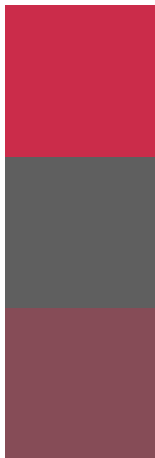
Deuteranomaly

37.0585, 22.7731, 14.2262

Tritanomaly

38.6075, 53.4008, 18.3703

Monochromacy



Original Color

38.7199, 55.6293, 14.9126

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.0535, 18.4969, 4.5172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7199, 55.6293, 14.9126 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(203, 44, 74)` looks like.

```
.text, #text, p{  
    color:rgb(203, 44, 74)  
}
```

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(203, 44, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 44, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7199, 55.6293, 14.9126 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(203, 44, 74) }
```


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

```
.border{ border-color:rgb(203, 44, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 44, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 44, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 44, 74);  
box-shadow:4px 4px 4px 4px rgb(203, 44,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7199, 55.6293, 14.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 44, 74) }
```

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

```
.background{ background-color: rgb(203, 44,  
74) }
```

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