

Converting Colors

HunterLab(36.1139, 58.0891,
15.7617)

Have a look what the booklet for
HunterLab(36.1139, 58.0891,
15.7617) contains.

HunterLab(36.0650, 58.0715, 15.7474)	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(36.0650, 58.0715,
15.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	C6183E
RGB	198, 24, 62
RGB Percent	78%, 9%, 24%
CMY	0.2235, 0.9058, 0.7569
CMYK	0.00, 0.88, 0.69, 0.22
HSL	347°, 78%, 44%
HSV	347°, 88%, 78%
XYZ	24.4849, 13.0068, 5.7775
YIQ	80.3580, 91.5060, 48.7060

Conversions

Conversions Part 2

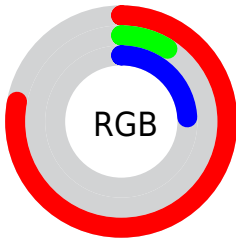
Format	Color
R_{YB}	198, 24, 62
Decimal	12982334
CIE _{Lab}	42.77, 64.81, 26.18
CIE _{LCh}	43, 69.894, 21.998
Yxy	13.0076, 0.5659, 0.3006
Android (android.graphics.Color)	4291172414 (0xFFC6183E)
YUV	80.3580, -9.0505, 103.1720
Hunter-Lab	36.0650, 58.0715, 15.7474

Details

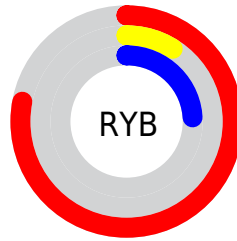
The HunterLab color **36.0650, 58.0715, 15.7474** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **65.6667, -41.7460, 9.6961**, and the grayscale version is **28.4650, -1.5188, 1.5466**.

A 20% lighter version of the original color is **54.7891, 59.9386, 19.1535**, and **22.9965, 39.6176, 13.0347** is the 20% darker color. If you saturate the color by 10%, you get **35.0696, 59.9604, 18.1976**, and if you desaturate by 10%, it is **37.8634, 54.1385, 13.1455**.

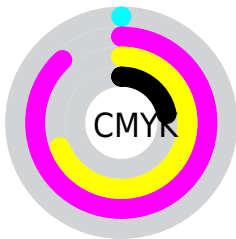
Distribution



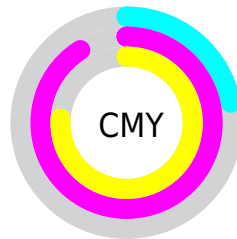
- Red (78%)
- Green (9%)
- Blue (24%)



- Red (78%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (69%)
- Black (22%)



- Cyan (22%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0650, 58.0715, 15.7474 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 36.0650, 58.0715, 15.7474 by changing the saturation by 10% instead.

36.0650, 58.0715,
15.7474

36.0650, 58.0715,
15.7474

145.2469, 74.7556,
33.7861

27.2650, 55.8612,
13.3364

55.9621, 62.4097,
20.1694

19.3258, 53.8083,
10.7211

66.9495, 64.4601,
22.2450

12.3547, 52.3534,
8.6483

78.5746, 66.4133,
24.2587

5.5424, 66.0928,
3.8797

90.8041, 68.2678,
26.2245

0.0000, INF, NaN

0.0000, NaN, NaN

103.6094, 70.0255,
28.1529

0.0000, NaN, NaN

116.9659, 71.6900,

0.0000, NaN, NaN

30.0520

0.0000, NaN, NaN

130.8515, 73.2653,
31.9280

■ 36.0650, 58.0715,
15.7474

■ 36.0650, 58.0715,
15.7474

■ 35.0696, 59.9604,
18.1976

■ 37.8634, 54.1385,
13.1455

■ 34.9024, 60.2758,
18.6429

■ 40.5209, 48.3552,
10.6776

■ 43.9873, 41.2886,
8.5412

■ 48.1697, 33.5178,
6.8341

■ 52.9644, 25.4805,
5.5722

■ 58.2743, 17.4481,
4.7228

■ 64.0164, 9.5624,
4.2334

■ 70.1226, 1.8815,
4.0481

■ 76.5386, -5.5835,
4.1164

Harmonies

Analogous

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



36.0661, 63.1743, -5.4081



36.0650, 58.0715, 15.7474



36.0661, 34.8515, 23.0312

Triad

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



36.0661, 58.0673, 15.7482



36.0661, -33.7865, 20.8120



36.0661, -8.7093, -85.7476

Complementary

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



36.0650, 58.0715, 15.7474



65.6667, -41.7460, 9.6961

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.



36.0661, -28.1111, -60.3697



36.0650, 58.0715, 15.7474



36.0661, -39.6239, 8.0466

Square

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



36.0661, 58.0673, 15.7482



36.0661, -19.0035, 24.2183



36.0661, -37.8961, -21.1460



36.0661, 19.0715, -77.3622

Rectangle

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



36.0650, 58.0715, 15.7474



36.0661, 15.0980, 24.4098



36.0661, -37.8961, -21.1460



36.0661, -16.2816, -80.4814

Sweetspot

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



36.0661, 58.0673, 15.7482



78.6424, 21.6528, 6.1602



34.5546, 66.1095, -69.2201



35.1874, 11.7445, 2.9951

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.0661, 58.0673, 15.7482



46.4136, 80.0929, 25.2772



40.6254, 41.6941, 24.5002



32.6714, 1.4323, 1.9169



28.1652, 48.6779, 14.7566



6.2191, 10.9250, 1.8899

Inverse Universe

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



36.0661, 58.0673, 15.7482



46.4136, 80.0929, 25.2772



51.5754, -15.0350, -29.8999



32.6714, 1.4323, 1.9169



28.1652, 48.6779, 14.7566



6.2191, 10.9250, 1.8899

Previews

White Background



This preview shows how the HunterLab color 36.0650, 58.0715, 15.7474 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 36.0650, 58.0715, 15.7474 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 36.0650, 58.0715, 15.7474 Background



This preview shows how black text looks on a background with the HunterLab color 36.0650, 58.0715, 15.7474.



This preview shows how white text looks on a background with the HunterLab color 36.0650, 58.0715,

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

36.0650, 58.0715, 15.7474

Protanopia

36.5605, -2.1697, 6.8040

Deuteranopia

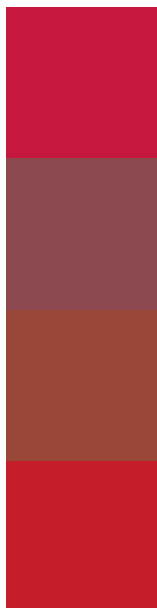
36.6443, 2.1907, 17.1687



Tritanopia

36.1344, 54.4188, 21.0915

Trichromacy



Original Color

36.0650, 58.0715, 15.7474

Protanomaly

33.2448, 20.8138, 7.3145

Deuteranomaly

33.8636, 24.6342, 14.7472

Tritanomaly

36.0084, 55.5023, 19.5531

Monochromacy



Original Color

36.0650, 58.0715, 15.7474

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.1491, 20.4092, 4.4260

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0650, 58.0715, 15.7474 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, 24, 62)` looks like.

```
.text, #text, p{  
    color:rgb(198, 24, 62)  
}
```

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, 24, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 24, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0650, 58.0715, 15.7474 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, 24, 62) }
```


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

```
.border{ border-color:rgb(198, 24, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 24, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 24, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 24, 62);  
box-shadow:4px 4px 4px 4px rgb(198, 24,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0650, 58.0715, 15.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 24, 62) }
```

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

```
.background{ background-color: rgb(198, 24,  
62) }
```

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