

Converting Colors

HunterLab(35.6599, 61.7313,
17.9057)

Have a look what the booklet for
HunterLab(35.6599, 61.7313,
17.9057) contains.

HunterLab(35.5760, 61.5968, 17.7805)	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(35.5760, 61.5968,
17.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	C90033
RGB	201, 0, 51
RGB Percent	79%, 0%, 20%
CMY	0.2118, 0.9998, 0.8000
CMYK	0.00, 1.00, 0.75, 0.21
HSL	345°, 100%, 39%
HSV	345°, 100%, 79%
XYZ	24.6849, 12.6565, 4.2739
YIQ	65.9130, 103.4250, 58.4730

Conversions

Conversions Part 2

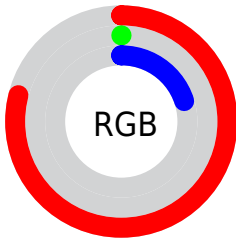
Format	Color
R_{YB}	201, 0, 51
Decimal	13172787
CIE Lab	42.24, 67.96, 32.45
CIE LCh	42, 75.312, 25.520
Yxy	12.6573, 0.5932, 0.3041
Android (android.graphics.Color)	4291362867 (0xFFC90033)
YUV	65.9130, -7.3521, 118.4713
Hunter-Lab	35.5760, 61.5968, 17.7805

Details

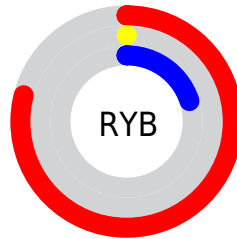
The HunterLab color **35.5760, 61.5968, 17.7805** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **66.3148, -45.0026, 14.2623**, and the grayscale version is **23.3179, -1.2442, 1.2669**.

A 20% lighter version of the original color is **53.4977, 62.0181, 21.5170**, and **23.2826, 39.9475, 14.4610** is the 20% darker color. If you saturate the color by 10%, you get **35.5755, 61.5952, 17.7859**, and if you desaturate by 10%, it is **36.4912, 60.0116, 15.1610**.

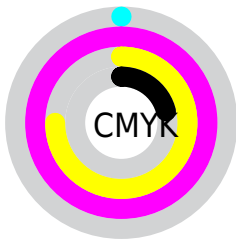
Distribution



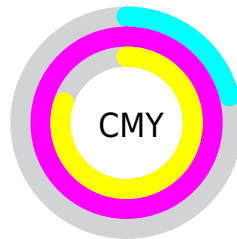
- Red (79%)
- Green (0%)
- Blue (20%)



- Red (79%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5760, 61.5968, 17.7805 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 35.5760, 61.5968, 17.7805 by changing the saturation by 10% instead.

35.5760, 61.5968,
17.7805

35.5760, 61.5968,
17.7805

144.4679, 79.1084,
39.0647

26.8198, 59.3553,
14.8458

55.3956, 66.0811,
23.1110

18.9291, 57.3427,
11.9579

66.3481, 68.2227,
25.5867

12.0133, 56.1017,
8.4093

77.9401, 70.2719,
27.9724

4.9823, 77.1014,
3.4876

90.1381, 72.2249,
30.2866

0.0000, INF, NaN

0.0000, NaN, NaN

102.9135, 74.0820,
32.5431

0.0000, NaN, NaN

116.2412, 75.8459,

0.0000, NaN, NaN

34.7529

0.0000, NaN, NaN

130.0992, 77.5201,
36.9245

■ 35.5760, 61.5968,
17.7805

■ 35.5760, 61.5968,
17.7805

■ 35.5755, 61.5952,
17.7859

■ 36.4912, 60.0116,
15.1610

■ 38.1385, 56.5350,
12.3868

■ 40.6567, 51.0483,
9.8048

■ 44.0085, 44.0910,
7.6240

■ 48.1067, 36.2683,
5.9445

■ 52.8475, 28.0651,
4.7765

■ 58.1306, 19.7974,
4.0772

■ 63.8691, 11.6387,
3.7827

■ 69.9909, 3.6676,
3.8276

Harmonies

Analogous

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



35.5771, 70.0691, -2.3407



35.5760, 61.5968, 17.7805



35.5771, 34.3715, 23.6515

Triad

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



35.5771, 61.5923, 17.7812



35.5771, -36.5192, 20.5281



35.5771, -6.0445, -97.7025

Complementary

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



35.5760, 61.5968, 17.7805



66.3148, -45.0026, 14.2623

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.



35.5771, -27.7261, -72.4244



35.5760, 61.5968, 17.7805



35.5771, -41.4749, 5.7409

Square

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



35.5771, 61.5923, 17.7812



35.5771, -22.4097, 24.3369



35.5771, -38.8491, -28.2958



35.5771, 24.6591, -83.3813

Rectangle

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



35.5760, 61.5968, 17.7805



35.5771, 12.7269, 24.9040



35.5771, -38.8491, -28.2958



35.5771, -14.4896, -93.2266

Sweetspot

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



35.5771, 61.5923, 17.7812



75.7448, 26.3791, 5.3634



32.3403, 68.4158, -80.1795



33.6445, 14.3413, 2.6348

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.5771, 61.5923, 17.7812



46.5164, 80.4728, 23.7627



38.0066, 51.3774, 24.3171



32.6808, 1.4827, 1.7832



28.2320, 48.9248, 13.7731



6.2412, 11.0062, 1.5690

Inverse Universe

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



35.5771, 61.5923, 17.7812



46.5164, 80.4728, 23.7627



52.3111, -16.0762, -30.6776



32.6808, 1.4827, 1.7832



28.2320, 48.9248, 13.7731



6.2412, 11.0062, 1.5690

Previews

White Background



This preview shows how the HunterLab color 35.5760, 61.5968, 17.7805 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 35.5760, 61.5968, 17.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

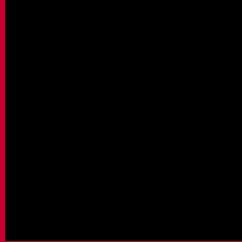
Any Text WCAG AA × Fail

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 35.5760, 61.5968, 17.7805 Background



This preview shows how black text looks on a background with the HunterLab color 35.5760, 61.5968, 17.7805.



This preview shows how white text looks on a background with the HunterLab color 35.5760, 61.5968,

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

35.5760, 61.5968, 17.7805

Protanopia

36.4551, -3.0925, 10.9902

Deuteranopia

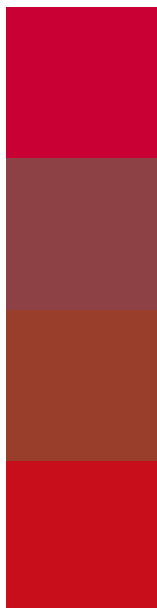
36.3519, 2.2322, 19.1648



Tritanopia

35.8433, 57.6256, 22.4080

Trichromacy



Original Color

35.5760, 61.5968, 17.7805

Protanomaly

31.5416, 24.5346, 9.5853

Deuteranomaly

32.3993, 28.7170, 16.1064

Tritanomaly

35.5617, 59.0427, 21.2178

Monochromacy



Original Color

35.5760, 61.5968, 17.7805

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.7438, 24.1572, 4.0295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5760, 61.5968, 17.7805 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(201, 0, 51)` looks like.

```
.text, #text, p{  
  color:rgb(201, 0, 51)  
}
```

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(201, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5760, 61.5968, 17.7805 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(201, 0, 51) }
```


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

```
.border{ border-color:rgb(201, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.5760, 61.5968, 17.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 51) }
```

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

```
.background{ background-color: rgb(201, 0,  
51) }
```

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