

Converting Colors

HunterLab(28.4770, 78.1789,
-14.7753)

Have a look what the booklet for
HunterLab(28.4770, 78.1789,
-14.7753) contains.

HunterLab(33.0773, 60.3880, -7.6339)	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(33.0773, 60.3880,
-7.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	B40073
RGB	180, 0, 115
RGB Percent	71%, 0%, 45%
CMY	0.2941, 0.9999, 0.5490
CMYK	0.00, 1.00, 0.36, 0.29
HSL	322°, 100%, 35%
HSV	322°, 100%, 71%
XYZ	21.9169, 10.9411, 17.1763
YIQ	66.9300, 70.3650, 73.9250

Conversions

Conversions Part 2

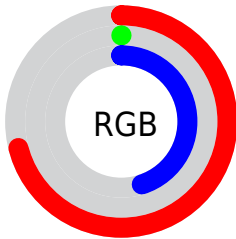
Format	Color
R_{YB}	180, 0, 115
Decimal	11796595
CIE _{Lab}	39.48, 67.46, -12.41
CIE _{LCh}	39, 68.594, 349.579
Yxy	10.9417, 0.4380, 0.2187
Android (android.graphics.Color)	4289986675 (0xFFB40073)
YUV	66.9300, 23.6985, 99.1624
Hunter-Lab	33.0773, 60.3880, -7.6339

Details

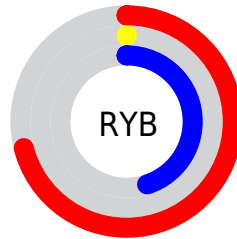
The HunterLab color **33.0773, 60.3880, -7.6339** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **57.4671, -46.9043, 29.4258**, and the grayscale version is **23.5744, -1.2579, 1.2808**.

A 20% lighter version of the original color is **52.4422, 64.8106, -7.8839**, and **21.1428, 38.1244, -1.1956** is the 20% darker color. If you saturate the color by 10%, you get **33.0770, 60.3867, -7.6291**, and if you desaturate by 10%, it is **33.9553, 58.9700, -9.9125**.

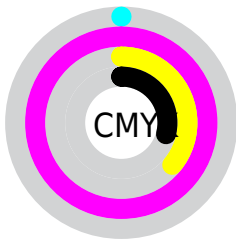
Distribution



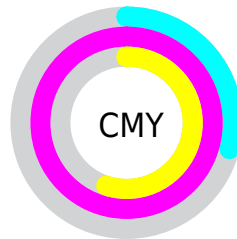
- Red (71%)
- Green (0%)
- Blue (45%)



- Red (71%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0773, 60.3880, -7.6339 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 33.0773, 60.3880, -7.6339 by changing the saturation by 10% instead.

■ 33.0773, 60.3880,
-7.6339

■ 33.0773, 60.3880,
-7.6339

■ 140.4518, 77.9758,
-6.4860

■ 24.5513, 58.1849,
-7.4396

■ 52.4903, 64.8735,
-7.7876

■ 16.9171, 56.2943,
-7.1625

■ 63.2595, 67.0258,
-7.7627

■ 10.2959, 55.4538,
-6.8105

■ 74.6786, 69.0872,
-7.6773

0.0000, INF, -NF

0.0000, INF, NaN

■ 86.7124, 71.0522,
-7.5361

0.0000, NaN, NaN

■ 99.3311, 72.9209,
-7.3431

0.0000, NaN, NaN

■ 112.5086, 74.6953,

0.0000, NaN, NaN

-7.1019

0.0000, NaN, NaN

126.2222, 76.3790,
-6.8153

■ 33.0773, 60.3880,
-7.6339

■ 33.0773, 60.3880,
-7.6339

■ 33.0770, 60.3867,
-7.6291

■ 33.9553, 58.9700,
-9.9125

■ 35.3911, 55.8373,
-11.4286

■ 37.5227, 50.7949,
-11.9191

■ 40.3296, 44.2765,
-11.4226

■ 43.7524, 36.7981,
-10.0845

■ 47.7153, 28.8051,
-8.0849

■ 52.1420, 20.6139,
-5.5913

■ 56.9636, 12.4195,
-2.7382

■ 62.1213, 4.3270,
0.3744

Harmonies

Analogous

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



33.0782, 43.6090, -43.9799



33.0773, 60.3880, -7.6339



33.0782, 57.1346, 13.7917

Triad

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



33.0782, 60.3848, -7.6327



33.0782, -16.4437, 22.7231



33.0782, -27.6158, -55.7373

Complementary

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



33.0773, 60.3880, -7.6339



57.4671, -46.9043, 29.4258

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.



33.0782, -36.0770, -17.5889



33.0773, 60.3880, -7.6339



33.0782, -31.0869, 19.8838

Square

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



33.0782, 60.3848, -7.6327



33.0782, 7.4288, 23.0783



33.0782, -37.1226, 9.0784



33.0782, -10.0560, -82.7318

Rectangle

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



33.0773, 60.3880, -7.6339



33.0782, 44.2873, 19.7335



33.0782, -37.1226, 9.0784



33.0782, -31.3645, -42.8768

Sweetspot

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



33.0782, 60.3848, -7.6327



69.8830, 28.3427, -7.7200



20.8644, 51.5169, -108.9453



31.3128, 15.3087, -4.2628



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



33.0782, 60.3848, -7.6327



44.4882, 81.1275, -9.5479



31.2780, 53.8129, 18.2472



29.3148, 1.7785, 0.2769



27.6573, 50.5348, -6.7076



5.0137, 9.3497, -2.6794

Inverse Universe

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



33.0782, 60.3848, -7.6327



44.4882, 81.1275, -9.5479



59.1124, -36.7973, 5.5512



29.3148, 1.7785, 0.2769



27.6573, 50.5348, -6.7076



5.0137, 9.3497, -2.6794

Previews

White Background



This preview shows how the HunterLab color 33.0773, 60.3880, -7.6339 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 33.0773, 60.3880, -7.6339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

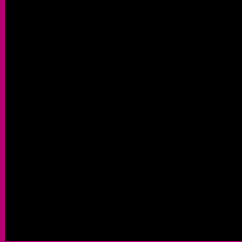
Any Text WCAG AA × Fail

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 33.0773, 60.3880, -7.6339 Background



This preview shows how black text looks on a background with the HunterLab color 33.0773, 60.3880, -7.6339.



This preview shows how white text looks on a background with the HunterLab color 33.0773, 60.3880, -7.6339.

-7.6339.

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

33.0773, 60.3880, -7.6339

Protanopia

34.1106, 7.3946, -40.7260

Deuteranopia

34.0581, 2.3669, -3.1871



Tritanopia

33.6335, 43.8676, 16.7520

Trichromacy



Original Color

33.0773, 60.3880, -7.6339

Protanomaly

28.8074, 28.7405, -38.5585

Deuteranomaly

29.8678, 28.0038, -10.3890

Tritanomaly

32.7013, 50.5266, 9.9191

Monochromacy



Original Color

33.0773, 60.3880, -7.6339

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.5712, 24.2436, -6.1488

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0773, 60.3880, -7.6339 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(180, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 0, 115)  
}
```

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(180, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 0, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0773, 60.3880, -7.6339 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(180, 0, 115) }
```


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

```
.border{ border-color:rgb(180, 0, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 0, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(180, 0,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0773, 60.3880, -7.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 0, 115) }
```

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

```
.background{ background-color: rgb(180, 0,  
115) }
```

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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