

Converting Colors

HunterLab(20.5898, 39.0560,
-16.1172)

Have a look what the booklet for
HunterLab(20.5898, 39.0560,
-16.1172) contains.

HunterLab(20.5793, 39.0828, -16.4710)	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(20.5793, 39.0828,
-16.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	70005D
RGB	112, 0, 93
RGB Percent	44%, 0%, 36%
CMY	0.5608, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.17, 0.56
HSL	310°, 100%, 22%
HSV	310°, 100%, 44%
XYZ	8.6579, 4.2351, 10.7171
YIQ	44.0900, 36.8990, 52.6670

Conversions

Conversions Part 2

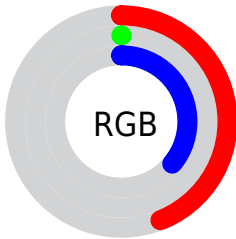
Format	Color
RYB	112, 0, 93
Decimal	7340125
CIELab	24.43, 50.69, -22.63
CIElCh	24, 55.508, 335.942
Yxy	4.2353, 0.3667, 0.1794
Android (android.graphics.Color)	4285530205 (0xFF70005D)
YUV	44.0900, 24.1126, 59.5571
Hunter-Lab	20.5793, 39.0828, -16.4710

Details

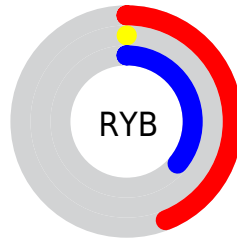
The HunterLab color **20.5793, 39.0828, -16.4710** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34.1109, -28.7573, 19.4440**, and the grayscale version is **15.8164, -0.8439, 0.8593**.

A 20% lighter version of the original color is **37.5840, 43.0770, -17.7109**, and **10.7977, 20.3920, -7.7566** is the 20% darker color. If you saturate the color by 10%, you get **20.5793, 39.0828, -16.4701**, and if you desaturate by 10%, it is **21.2447, 37.3088, -16.4046**.

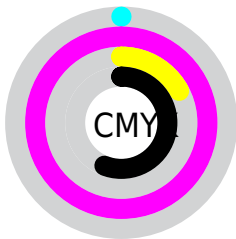
Distribution



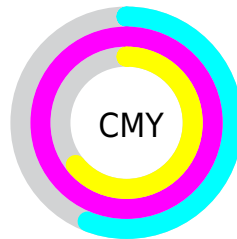
- Red (44%)
- Green (0%)
- Blue (36%)



- Red (44%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5793, 39.0828, -16.4710 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 20.5793, 39.0828, -16.4710 by changing the saturation by 10% instead.

20.5793, 39.0828,
-16.4710

20.5793, 39.0828,
-16.4710

119.2345, 53.4247,
-19.1615

13.4389, 37.2373,
-16.0279

37.6046, 42.9499,
-17.4524

7.0066, 39.4999,
-17.4043

47.3142, 44.7640,
-17.8781

0.0000, INF, -NF

0.0000, NaN, NaN

57.7400, 46.4680,
-18.2425

0.0000, NaN, NaN

68.8358, 48.0611,
-18.5440

0.0000, NaN, NaN

80.5634, 49.5475,
-18.7841

0.0000, NaN, NaN

0.0000, NaN, NaN

92.8903, 50.9328,

-18.9651

0.0000, NaN, NaN

105.7888, 52.2233,
-19.0900

20.5793, 39.0828,
-16.4710

20.5793, 39.0828,
-16.4710

20.5793, 39.0828,
-16.4701

21.2447, 37.3088,
-16.4046

22.1217, 34.9191,
-15.9377

23.3704, 31.5158,
-14.8050

24.9776, 27.3439,
-13.1126

26.9134, 22.6741,
-10.9995

■ 29.1405, 17.7378,
-8.5981

■ 31.6209, 12.7024,
-6.0146

■ 34.3197, 7.6744,
-3.3252

■ 37.2065, 2.7136,
-0.5801

Harmonies

Analogous

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



20.5798, 22.3711, -44.6934



20.5793, 39.0828, -16.4710



20.5798, 43.7027, 4.1422

Triad

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



20.5798, 39.0813, -16.4701



20.5798, -4.4403, 14.4059



20.5798, -21.7424, -27.5689

Complementary

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



20.5793, 39.0828, -16.4710



34.1109, -28.7573, 19.4440

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.



20.5798, -24.8792, -2.4434



20.5793, 39.0828, -16.4710



20.5798, -17.2482, 14.4059

Square

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



20.5798, 39.0813, -16.4701



20.5798, 14.3424, 14.4059



20.5798, -23.5614, 10.3123



20.5798, -13.0095, -54.0326

Rectangle

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



20.5793, 39.0828, -16.4710



20.5798, 38.3112, 10.7289



20.5798, -23.5614, 10.3123



20.5798, -23.3267, -18.1598

Sweetspot

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



20.5798, 39.0813, -16.4701



41.6388, 17.3671, -8.2501



11.4248, 29.8002, -71.9917



19.8703, 9.5823, -4.5992



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.5798, 39.0813, -16.4701



27.2479, 51.7012, -21.4497



18.9227, 33.1202, 6.6679



18.5586, 1.1023, -0.1517



22.1204, 41.9990, -17.6221



49.2588, 93.3429, -37.8264

Inverse Universe

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



20.5798, 39.0813, -16.4701



27.2479, 51.7012, -21.4497



34.7735, -24.6488, 9.7468



18.5586, 1.1023, -0.1517



22.1204, 41.9990, -17.6221



49.2588, 93.3429, -37.8264

Previews

White Background



This preview shows how the HunterLab color 20.5793, 39.0828, -16.4710 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 20.5793, 39.0828, -16.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

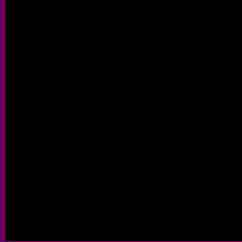
Any Text WCAG AA × Fail

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 20.5793, 39.0828, -16.4710 Background



This preview shows how black text looks on a background with the HunterLab color 20.5793, 39.0828, -16.4710.



This preview shows how white text looks on a background with the HunterLab color 20.5793, 39.0828, -16.4710.

-16.4710.

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

20.5793, 39.0828, -16.4710

Protanopia

21.8266, 6.3463, -40.9812

Deuteranopia

21.8689, 1.3755, -10.9464



Tritanopia

21.4369, 21.5319, 8.2775

Trichromacy



Original Color

20.5793, 39.0828, -16.4710

Protanomaly

17.5939, 16.9159, -43.5215

Deuteranomaly

19.0477, 16.8280, -17.3871

Tritanomaly

20.5432, 28.5453, 1.2166

Monochromacy



Original Color

20.5793, 39.0828, -16.4710

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6318, 15.3403, -7.3852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5793, 39.0828, -16.4710 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(112, 0, 93)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 93)  
}
```

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(112, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5793, 39.0828, -16.4710 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(112, 0, 93) }
```


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

```
.border{ border-color:rgb(112, 0, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(112, 0, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5793, 39.0828, -16.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 93) }
```

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

```
.background{ background-color: rgb(112, 0,  
93) }
```

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