

Converting Colors

HunterLab(20.7803, 22.3316,
-17.0185)

Have a look what the booklet for
HunterLab(20.7803, 22.3316,
-17.0185) contains.

HunterLab(20.7803, 22.3316, -17.0185)	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(20.7803, 22.3316,
-17.0185)**

Conversions

Conversions Part 1

Format	Color
Hex	59265E
RGB	89, 38, 94
RGB Percent	35%, 15%, 37%
CMY	0.6510, 0.8510, 0.6314
CMYK	0.05, 0.60, 0.00, 0.63
HSL	295°, 42%, 26%
HSV	295°, 60%, 37%
XYZ	6.8333, 4.3182, 11.0630
YIQ	59.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

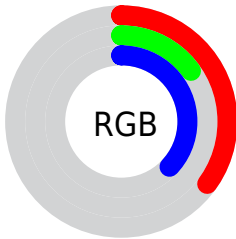
Format	Color
R_{YB}	89, 38, 94
Decimal	5842526
CIE _{Lab}	24.70, 32.49, -23.16
CIE _{LCh}	25, 39.897, 324.518
Yxy	4.3184, 0.3076, 0.1944
Android (android.graphics.Color)	4284032606 (0xFF59265E)
YUV	59.6330, 16.9429, 25.7549
Hunter-Lab	20.7803, 22.3316, -17.0185

Details

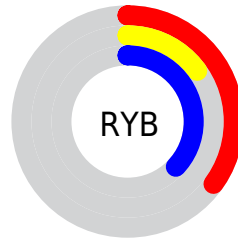
The HunterLab color **20.7803, 22.3316, -17.0185** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **29.4262, -19.0491, 14.1037**, and the grayscale version is **21.0716, -1.1243, 1.1449**.

A 20% lighter version of the original color is **37.8981, 25.1614, -18.1158**, and **8.2754, 16.7505, -14.6420** is the 20% darker color. If you saturate the color by 10%, you get **19.3652, 25.9318, -20.0356**, and if you desaturate by 10%, it is **22.4480, 18.3973, -13.8153**.

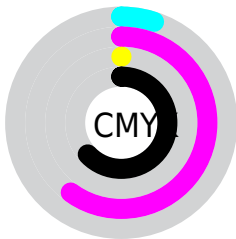
Distribution



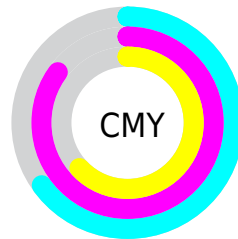
- Red (35%)
- Green (15%)
- Blue (37%)



- Red (35%)
- Yellow (15%)
- Blue (37%)



- Cyan (5%)
- Magenta (60%)
- Yellow (0%)
- Black (63%)



- Cyan (65%)
- Magenta (85%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7803, 22.3316, -17.0185 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 20.7803, 22.3316, -17.0185 by changing the saturation by 10% instead.

20.7803, 22.3316,
-17.0185

20.7803, 22.3316,
-17.0185

119.5950, 30.7800,
-19.8236

13.6133, 20.8049,
-16.5788

37.8501, 24.9948,
-18.0157

7.2112, 21.3067,
-17.7518

47.5792, 26.1275,
-18.4537

0.0000, INF, -NF

58.0232, 27.1415,
-18.8316

0.0000, NaN, NaN

69.1360, 28.0481,
-19.1474

0.0000, NaN, NaN

80.8797, 28.8572,
-19.4021

0.0000, NaN, NaN

93.2220, 29.5775,

0.0000, NaN, NaN

-19.5979

0.0000, NaN, NaN

106.1352, 30.2163,
-19.7375

20.7803, 22.3316,
-17.0185

20.7803, 22.3316,
-17.0185

19.3652, 25.9318,
-20.0356

22.4480, 18.3973,
-13.8153

18.2279, 28.9857,
-22.7059

24.3367, 14.3020,
-10.5525

17.3850, 31.2751,
-24.8552

26.4175, 10.1631,
-7.3107

16.6687, 33.2592,
-26.8138

28.6638, 6.0523,
-4.1359

16.6374, 33.3493,
-26.9024

31.0531, 2.0081,
-1.0491

■ 33.5662, -1.9528,
1.9439

■ 36.1873, -5.8269,
4.8461

■ 38.9036, -9.6178,
7.6649

■ 41.7043, -13.3328,
10.4095

Harmonies

Analogous

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



20.7808, 9.8448, -32.3176



20.7803, 22.3316, -17.0185



20.7808, 28.6666, -1.1758

Triad

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



20.7808, 22.3309, -17.0177



20.7808, 1.2384, 13.9747



20.7808, -18.7802, -10.7823

Complementary

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



20.7803, 22.3316, -17.0185



29.4262, -19.0491, 14.1037

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.



20.7808, -20.0437, 3.2006



20.7803, 22.3316, -17.0185



20.7808, -10.1802, 13.2935

Square

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



20.7808, 22.3309, -17.0177



20.7808, 14.7777, 12.5332



20.7808, -17.2948, 10.5124



20.7808, -13.3109, -27.4627

Rectangle

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



20.7803, 22.3316, -17.0185



20.7808, 27.6818, 6.0890



20.7808, -17.2948, 10.5124



20.7808, -19.6467, -5.4622

Sweetspot

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



20.7808, 22.3309, -17.0177



38.2417, 7.4619, -5.0534



17.2977, 7.9693, -25.4992



18.4175, 4.1840, -2.8815



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



20.7808, 22.3309, -17.0177



25.0342, 35.8820, -27.8614



20.5639, 20.1398, -4.4565



15.4044, 0.8383, -0.4020



19.5437, 39.1904, -31.7216



45.5178, 91.4026, -74.8644

Inverse Universe

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



19.8506, 16.9245, 5.7014



23.6106, 27.7759, 9.2340



29.5771, -17.7922, 9.2323



15.3333, 0.3940, 1.0864



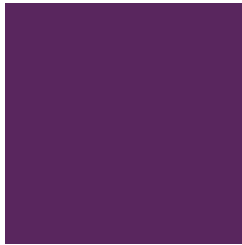
18.2045, 31.2936, 10.8498



42.5266, 72.9570, 26.4811

Previews

White Background



This preview shows how the HunterLab color 20.7803, 22.3316, -17.0185 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 20.7803, 22.3316, -17.0185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

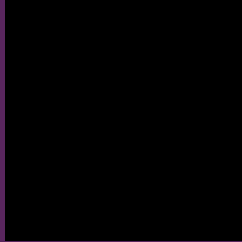
Any Text WCAG AA × Fail

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 20.7803, 22.3316, -17.0185 Background



This preview shows how black text looks on a background with the HunterLab color 20.7803, 22.3316, -17.0185.



This preview shows how white text looks on a background with the HunterLab color 20.7803, 22.3316, -17.0185.

-17.0185.

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

20.7803, 22.3316, -17.0185

Protanopia

21.1471, 4.9701, -29.8608

Deuteranopia

21.0333, 1.3100, -14.2829



Tritanopia

20.8290, 9.8009, 3.4188

Trichromacy



Original Color

20.7803, 22.3316, -17.0185

Protanomaly

20.2272, 9.5988, -26.5425

Deuteranomaly

20.2857, 8.4669, -16.2799

Tritanomaly

20.6702, 14.0825, -2.7033

Monochromacy



Original Color

20.7803, 22.3316, -17.0185

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.6481, 7.0574, -4.7577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7803, 22.3316, -17.0185 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(89, 38, 94)` looks like.

```
.text, #text, p{  
    color:rgb(89, 38, 94)  
}
```

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(89, 38, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 38, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7803, 22.3316, -17.0185 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(89, 38, 94) }
```


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

```
.border{ border-color:rgb(89, 38, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 38, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 38, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 38, 94);  
box-shadow:4px 4px 4px 4px rgb(89, 38, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7803, 22.3316, -17.0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 38, 94) }
```

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

```
.background{ background-color: rgb(89, 38,  
94) }
```

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