

Converting Colors

HunterLab(20.5227, 17.5182,
7.3533)

Have a look what the booklet for
HunterLab(20.5227, 17.5182,
7.3533) contains.

HunterLab(20.4797, 17.5781, 7.3703)	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(20.4797, 17.5781,
7.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	622727
RGB	98, 39, 39
RGB Percent	38%, 15%, 15%
CMY	0.6157, 0.8470, 0.8471
CMYK	0.00, 0.60, 0.60, 0.62
HSL	0°, 43%, 27%
HSV	0°, 60%, 38%
XYZ	6.1287, 4.1942, 2.4060
YIQ	56.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

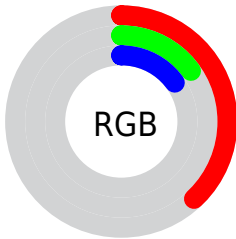
Format	Color
R_{YB}	98, 39, 39
Decimal	6432551
CIE Lab	24.30, 26.78, 13.37
CIE LCh	24, 29.927, 26.527
Yxy	4.1944, 0.4815, 0.3295
Android (android.graphics.Color)	4284622631 (0xFF622727)
YUV	56.6410, -8.6970, 36.2718
Hunter-Lab	20.4797, 17.5781, 7.3703

Details

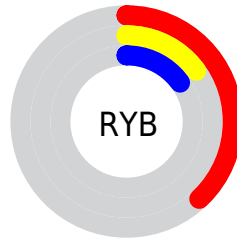
The HunterLab color **20.4797, 17.5781, 7.3703** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31.6984, -13.7526, -2.3217**, and the grayscale version is **20.1257, -1.0739, 1.0935**.

A 20% lighter version of the original color is **37.3779, 19.9608, 10.0770**, and **7.9270, 13.5753, 5.1223** is the 20% darker color. If you saturate the color by 10%, you get **18.9080, 20.7745, 8.3289**, and if you desaturate by 10%, it is **22.3538, 14.2002, 6.3743**.

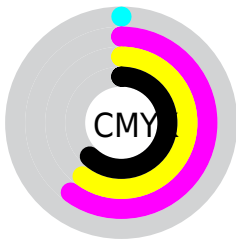
Distribution



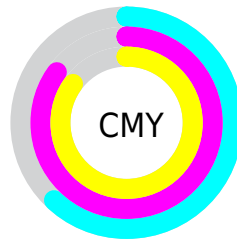
- Red (38%)
- Green (15%)
- Blue (15%)



- Red (38%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4797, 17.5781, 7.3703 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 20.4797, 17.5781, 7.3703 by changing the saturation by 10% instead.

■ 20.4797, 17.5781,
7.3703

■ 20.4797, 17.5781,
7.3703

■ 119.0556, 23.9294,
19.3984

■ 13.3525, 16.2696,
5.8400

■ 37.4828, 19.7450,
10.2241

■ 6.9028, 17.2773,
4.8319

■ 47.1827, 20.6302,
11.5742

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.5995, 21.4022,
12.8982

0.0000, NaN, NaN

■ 68.6868, 22.0734,
14.2064

0.0000, NaN, NaN

■ 80.4064, 22.6539,
15.5061

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7257, 23.1522,

16.8023

0.0000, NaN, NaN

105.6168, 23.5754,
18.0988

20.4797, 17.5781,
7.3703

20.4797, 17.5781,
7.3703

18.9080, 20.7745,
8.3289

22.3538, 14.2002,
6.3743

17.6766, 23.5730,
9.1778

24.4857, 10.8017,
5.3892

16.8113, 25.7274,
9.8372

26.8364, 7.4723,
4.4429

16.1145, 27.5947,
10.4128

29.3718, 4.2551,
3.5476

32.0637, 1.1635,
2.7056

■ 34.8895, -1.8055,
1.9144

■ 37.8308, -4.6626,
1.1690

■ 40.8732, -7.4212,
0.4639

■ 44.0048, -10.0952,
-0.2064

Harmonies

Analogous

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



20.4803, 20.0892, 0.0527



20.4797, 17.5781, 7.3703



20.4803, 9.7812, 10.8580

Triad

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



20.4803, 17.5766, 7.3707



20.4803, -14.0235, 8.4756



20.4803, -2.1704, -24.3162

Complementary

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



20.4797, 17.5781, 7.3703



31.6984, -13.7526, -2.3217

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.



20.4803, -10.0869, -18.8661



20.4797, 17.5781, 7.3703



20.4803, -16.1127, 2.1229

Square

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



20.4803, 17.5766, 7.3707



20.4803, -8.5127, 11.2658



20.4803, -14.8115, -8.0760



20.4803, 7.5590, -20.8149

Rectangle

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



20.4797, 17.5781, 7.3703



20.4803, 3.2601, 11.7455



20.4803, -14.8115, -8.0760



20.4803, -5.1120, -23.4261

Sweetspot

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



20.4803, 17.5766, 7.3707



39.4629, 4.9391, 4.5057



22.2026, 25.1977, -16.7348



18.8875, 2.8298, 2.3126



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



20.4803, 17.5766, 7.3707



24.3311, 29.0441, 11.4923



26.3403, 4.7341, 11.9931



16.0946, 0.3767, 1.2886



18.5957, 31.8439, 12.0161



42.9803, 73.6034, 27.7728

Inverse Universe

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



31.6984, -13.7526, -2.3217



41.4994, -20.0021, -3.7094



23.4695, -1.9878, -14.7644



17.0141, -2.0765, 0.5326



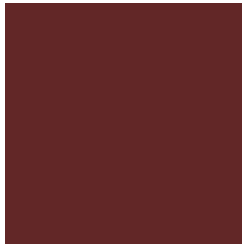
35.7848, -18.9701, -3.7768



82.7101, -43.8459, -8.7297

Previews

White Background



This preview shows how the HunterLab color 20.4797, 17.5781, 7.3703 looks on a white background.

Color Contrast Check

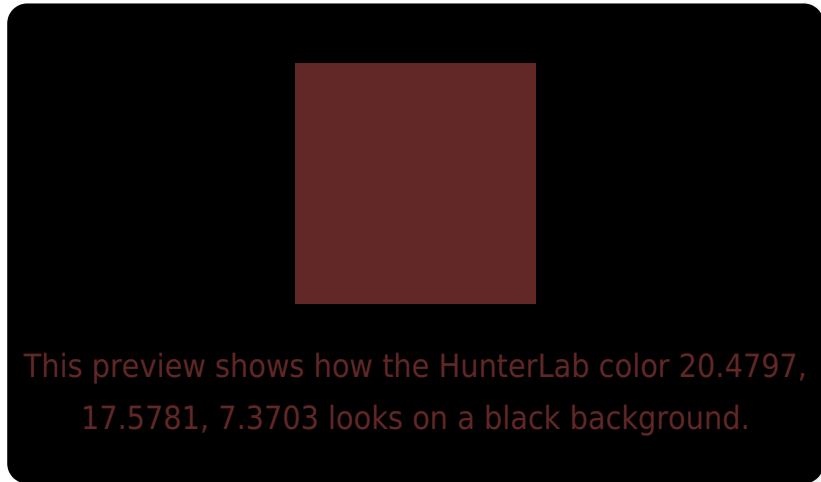
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 20.4797, 17.5781, 7.3703 Background



This preview shows how black text looks on a background with the HunterLab color 20.4797, 17.5781, 7.3703.

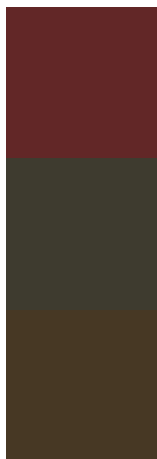


This preview shows how white text looks on a background with the HunterLab color 20.4797, 17.5781,

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

20.4797, 17.5781, 7.3703

Protanopia

20.8741, -1.7804, 5.1927

Deuteranopia

20.7251, 1.0340, 8.0140



Tritanopia

20.5129, 17.7297, 6.8869

Trichromacy



Original Color

20.4797, 17.5781, 7.3703

Protanomaly

20.3315, 4.6674, 5.6610

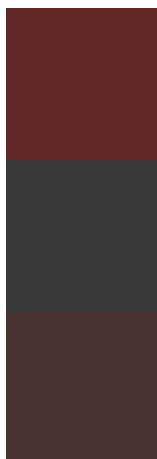
Deuteranomaly

20.4061, 6.8703, 7.6091

Tritanomaly

20.4961, 17.6530, 7.1315

Monochromacy



Original Color

20.4797, 17.5781, 7.3703

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.7211, 5.2122, 3.1711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4797, 17.5781, 7.3703 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(98, 39, 39)` looks like.

```
.text, #text, p{  
    color:rgb(98, 39, 39)  
}
```

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(98, 39, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 39, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4797, 17.5781, 7.3703 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(98, 39, 39) }
```


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

```
.border{ border-color:rgb(98, 39, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 39, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 39, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 39, 39);  
box-shadow:4px 4px 4px 4px rgb(98, 39, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4797, 17.5781, 7.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 39, 39) }
```

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

```
.background{ background-color: rgb(98, 39,  
39) }
```

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