

Converting Colors

HunterLab(20.4416, 21.4503,
8.6693)

Have a look what the booklet for
HunterLab(20.4416, 21.4503,
8.6693) contains.

HunterLab(20.5003, 21.3281, 8.6286)	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(20.5003, 21.3281,
8.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	682222
RGB	104, 34, 34
RGB Percent	41%, 13%, 13%
CMY	0.5922, 0.8666, 0.8667
CMYK	0.00, 0.67, 0.67, 0.59
HSL	0°, 51%, 27%
HSV	0°, 67%, 41%
XYZ	6.5697, 4.2026, 1.9783
YIQ	54.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

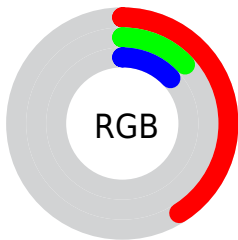
Format	Color
RYB	104, 34, 34
Decimal	6824482
CIELab	24.33, 31.36, 16.96
CIElCh	24, 35.649, 28.403
Yxy	4.2029, 0.5152, 0.3296
Android (android.graphics.Color)	4285014562 (0xFF682222)
YUV	54.9300, -10.3185, 43.0344
Hunter-Lab	20.5003, 21.3281, 8.6286

Details

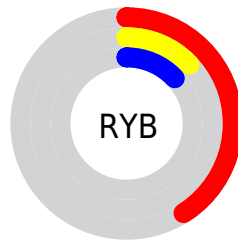
The HunterLab color **20.5003, 21.3281, 8.6286** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33.5252, -15.4976, -2.7750**, and the grayscale version is **19.5469, -1.0430, 1.0620**.

A 20% lighter version of the original color is **37.3572, 23.9320, 11.9988**, and **8.5444, 14.6325, 5.5212** is the 20% darker color. If you saturate the color by 10%, you get **19.0904, 24.4528, 9.5748**, and if you desaturate by 10%, it is **22.2700, 17.8308, 7.5852**.

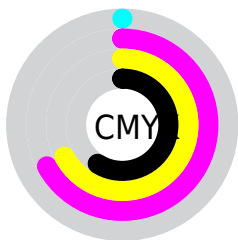
Distribution



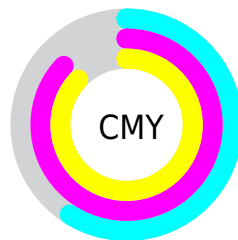
- Red (41%)
- Green (13%)
- Blue (13%)



- Red (41%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (67%)
- Black (59%)



- Cyan (59%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5003, 21.3281, 8.6286 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 20.5003, 21.3281, 8.6286 by changing the saturation by 10% instead.

20.5003, 21.3281,
8.6286

20.5003, 21.3281,
8.6286

119.0926, 29.3982,
22.6073

13.3704, 19.8366,
6.9561

37.5080, 23.9048,
12.0581

6.9244, 20.9066,
4.8471

47.2100, 24.9935,
13.6510

0.0000, INF, NaN

0.0000, NaN, NaN

57.6286, 25.9640,
15.1968

0.0000, NaN, NaN

68.7177, 26.8278,
16.7103

0.0000, NaN, NaN

80.4389, 27.5951,
18.2016

0.0000, NaN, NaN

0.0000, NaN, NaN

92.7598, 28.2746,

19.6782

0.0000, NaN, NaN

105.6525, 28.8735,
21.1454

20.5003, 21.3281,
8.6286

20.5003, 21.3281,
8.6286

19.0904, 24.4528,
9.5748

22.2700, 17.8308,
7.5852

18.0714, 26.9427,
10.3356

24.3530, 14.1915,
6.5159

17.3497, 28.8447,
10.9209

26.7038, 10.5593,
5.4682

17.1557, 29.3777,
11.0856

29.2806, 7.0182,
4.4673

32.0480, 3.6046,
3.5228

■ 34.9772, 0.3270,
2.6357

■ 38.0450, -2.8209,
1.8019

■ 41.2326, -5.8519,
1.0160

■ 44.5253, -8.7812,
0.2717

Harmonies

Analogous

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



20.5009, 24.9786, 0.5404



20.5003, 21.3281, 8.6286



20.5009, 11.3640, 12.0080

Triad

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



20.5009, 21.3263, 8.6290



20.5009, -16.3225, 9.1726



20.5009, -1.6880, -31.4398

Complementary

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



20.5003, 21.3281, 8.6286



33.5252, -15.4976, -2.7750

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.



20.5009, -11.1448, -24.8942



20.5003, 21.3281, 8.6286



20.5009, -18.3994, 1.6752

Square

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



20.5009, 21.3263, 8.6290



20.5009, -10.3126, 12.2089



20.5009, -16.7259, -11.1193



20.5009, 10.1083, -26.0770

Rectangle

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



20.5003, 21.3281, 8.6286



20.5009, 3.3864, 12.9294



20.5009, -16.7259, -11.1193



20.5009, -5.2217, -30.5136

Sweetspot

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



20.5009, 21.3263, 8.6290



41.2303, 6.2269, 5.0651



22.5535, 30.0178, -20.0064



19.9897, 3.5354, 2.6288



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



20.5009, 21.3263, 8.6290



24.4160, 34.4824, 13.3210



27.0459, 6.2989, 13.4581



16.8715, 0.4110, 1.3562



19.0474, 32.6174, 12.3080



43.4992, 74.4920, 28.1081

Inverse Universe

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



33.5252, -15.4976, -2.7750



43.9739, -22.2130, -4.2724



23.6555, -1.5061, -18.2753



17.8470, -2.1918, 0.5541



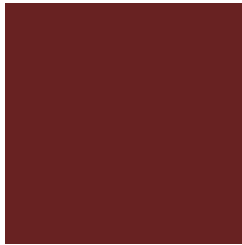
36.6539, -19.4308, -3.8686



83.7084, -44.3750, -8.8354

Previews

White Background



This preview shows how the HunterLab color 20.5003, 21.3281, 8.6286 looks on a white background.

Color Contrast Check

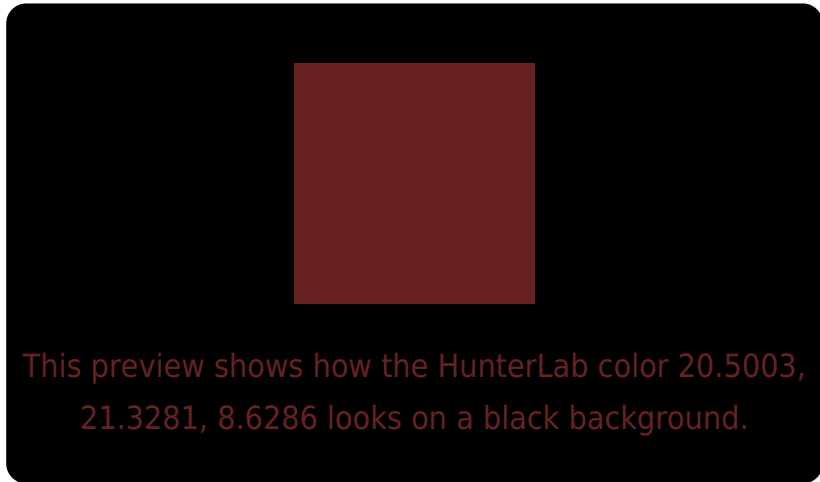
Large Text (above 18pt) WCAG AA ✓ Pass

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

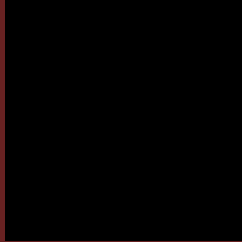
Any Text WCAG AA × Fail

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 20.5003, 21.3281, 8.6286 Background



This preview shows how black text looks on a background with the HunterLab color 20.5003, 21.3281, 8.6286.

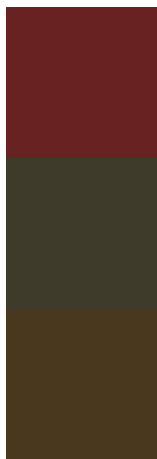


This preview shows how white text looks on a background with the HunterLab color 20.5003, 21.3281,

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

20.5003, 21.3281, 8.6286

Protanopia

20.8785, -1.9128, 6.3415

Deuteranopia

20.8292, 1.2228, 9.3599



Tritanopia

20.5292, 21.4550, 8.2052

Trichromacy



Original Color

20.5003, 21.3281, 8.6286

Protanomaly

20.1348, 6.1248, 6.6029

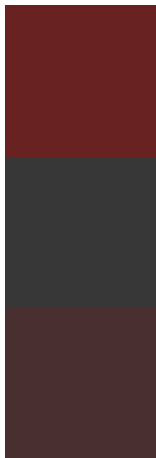
Deuteranomaly

20.2427, 8.3165, 8.8221

Tritanomaly

20.5145, 21.3907, 8.4198

Monochromacy



Original Color

20.5003, 21.3281, 8.6286

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.1174, 6.4817, 3.5529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5003, 21.3281, 8.6286 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(104, 34, 34)` looks like.

```
.text, #text, p{  
    color:rgb(104, 34, 34)  
}
```

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(104, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 34, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5003, 21.3281, 8.6286 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(104, 34, 34) }
```


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

```
.border{ border-color:rgb(104, 34, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 34, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(104, 34,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5003, 21.3281, 8.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 34, 34) }
```

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

```
.background{ background-color: rgb(104, 34,  
34) }
```

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