

Converting Colors

HunterLab(20.7644, 25.9742,
5.5482)

Have a look what the booklet for
HunterLab(20.7644, 25.9742,
5.5482) contains.

HunterLab(20.8211, 25.7959, 5.6234)	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(20.8211, 25.7959,
5.6234)**

Conversions

Conversions Part 1

Format	Color
Hex	6D1D2F
RGB	109, 29, 47
RGB Percent	43%, 11%, 18%
CMY	0.5725, 0.8863, 0.8157
CMYK	0.00, 0.73, 0.57, 0.57
HSL	347°, 58%, 27%
HSV	347°, 73%, 43%
XYZ	7.2591, 4.3352, 3.1435
YIQ	54.9720, 41.9020, 22.5580

Conversions

Conversions Part 2

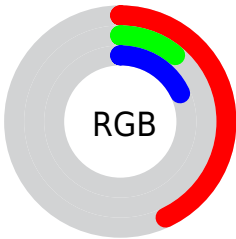
Format	Color
RYB	109, 29, 47
Decimal	7150895
CIELab	24.75, 36.49, 8.90
CIElCh	25, 37.560, 13.714
Yxy	4.3354, 0.4925, 0.2942
Android (android.graphics.Color)	4285340975 (0xFF6D1D2F)
YUV	54.9720, -3.9302, 47.3826
Hunter-Lab	20.8211, 25.7959, 5.6234

Details

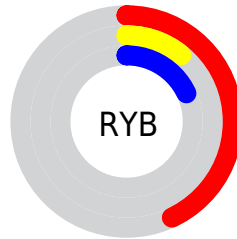
The HunterLab color **20.8211, 25.7959, 5.6234** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34.5745, -19.9053, 3.9815**, and the grayscale version is **19.5402, -1.0426, 1.0617**.

A 20% lighter version of the original color is **37.9231, 29.1319, 7.6873**, and **9.3266, 15.9721, 6.0266** is the 20% darker color. If you saturate the color by 10%, you get **19.5723, 28.5260, 6.8624**, and if you desaturate by 10%, it is **22.4556, 22.4079, 4.5367**.

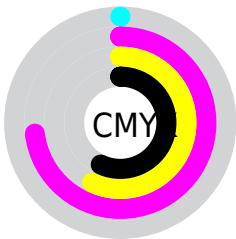
Distribution



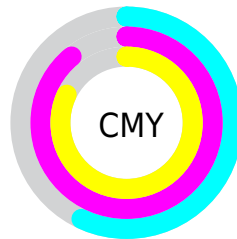
- Red (43%)
- Green (11%)
- Blue (18%)



- Red (43%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (57%)
- Black (57%)



- Cyan (57%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8211, 25.7959, 5.6234 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 20.8211, 25.7959, 5.6234 by changing the saturation by 10% instead.

■ 20.8211, 25.7959,
5.6234

■ 20.8211, 25.7959,
5.6234

■ 119.6683, 35.6525,
15.3118

■ 13.6488, 24.1439,
4.4787

■ 37.9001, 28.7764,
7.7878

■ 7.2521, 24.6865,
5.0765

■ 47.6332, 30.0744,
8.8475

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.0808, 31.2518,
9.9057

0.0000, NaN, NaN

■ 69.1971, 32.3185,
10.9677

0.0000, NaN, NaN

■ 80.9441, 33.2841,
12.0373

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.2895, 34.1568,

13.1168

0.0000, NaN, NaN

106.2056, 34.9441,
14.2079

20.8211, 25.7959,
5.6234

20.8211, 25.7959,
5.6234

19.5723, 28.5260,
6.8624

22.4556, 22.4079,
4.5367

18.7133, 30.4027,
8.1495

24.4353, 18.6327,
3.6514

18.2190, 31.5746,
8.8739

26.7149, 14.6818,
2.9809

29.2499, 10.6977,
2.5141

32.0010, 6.7614,
2.2283

■ 34.9354, 2.9118,
2.0979

■ 38.0264, -0.8382,
2.0986

■ 41.2524, -4.4895,
2.2091

■ 44.5960, -8.0502,
2.4116

Harmonies

Analogous

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



20.8217, 25.4109, -5.8636



20.8211, 25.7959, 5.6234



20.8217, 17.9300, 11.2051

Triad

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



20.8217, 25.7940, 5.6239



20.8217, -14.5726, 11.4698



20.8217, -7.0937, -31.9938

Complementary

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



20.8211, 25.7959, 5.6234



34.5745, -19.9053, 3.9815

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.



20.8217, -15.0908, -19.9458



20.8211, 25.7959, 5.6234



20.8217, -18.7053, 6.3178

Square

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



20.8217, 25.7940, 5.6239



20.8217, -6.2170, 13.3441



20.8217, -18.8711, -4.6526



20.8217, 4.5375, -32.5695

Rectangle

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



20.8211, 25.7959, 5.6234



20.8217, 9.9041, 12.7840



20.8217, -18.8711, -4.6526



20.8217, -10.2276, -28.9398

Sweetspot

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



20.8217, 25.7940, 5.6239



43.1201, 8.6417, 2.9612



20.4293, 29.3326, -28.8869



20.4489, 4.6512, 1.4540



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



20.8217, 25.7940, 5.6239



25.3368, 40.0407, 10.4079



23.7699, 16.1024, 12.0285



17.6831, 0.6004, 1.0151



19.6953, 34.1163, 9.7227



44.3317, 76.5431, 23.8116

Inverse Universe

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



20.8217, 25.7940, 5.6239



25.3368, 40.0407, 10.4079



28.7932, -8.6682, -12.2015



17.6831, 0.6004, 1.0151



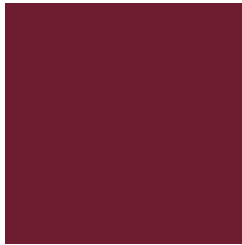
19.6953, 34.1163, 9.7227



44.3317, 76.5431, 23.8116

Previews

White Background



This preview shows how the HunterLab color 20.8211, 25.7959, 5.6234 looks on a white background.

Color Contrast Check

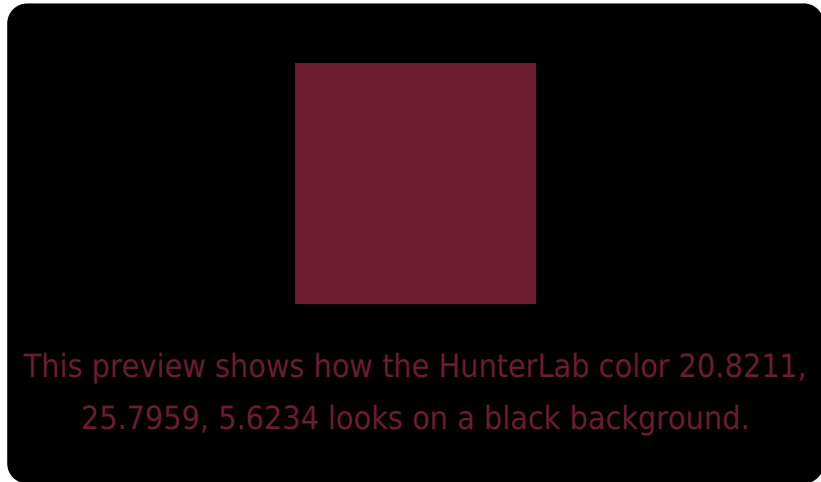
Large Text (above 18pt) WCAG AA ✓ Pass

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

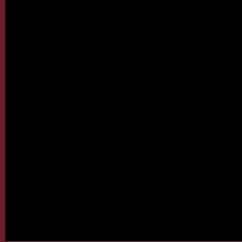
Any Text WCAG AA × Fail

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 20.8211, 25.7959, 5.6234 Background



This preview shows how black text looks on a background with the HunterLab color 20.8211, 25.7959, 5.6234.



This preview shows how white text looks on a background with the HunterLab color 20.8211, 25.7959,

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

20.8211, 25.7959, 5.6234

Protanopia

21.3813, -0.6023, 0.5269

Deuteranopia

21.3968, 1.1105, 6.8710



Tritanopia

20.8110, 23.4099, 9.1342

Trichromacy



Original Color

20.8211, 25.7959, 5.6234

Protanomaly

20.2774, 8.3417, 1.3226

Deuteranomaly

20.3622, 10.1038, 5.7856

Tritanomaly

20.7559, 24.0850, 7.9732

Monochromacy



Original Color

20.8211, 25.7959, 5.6234

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.2296, 8.1056, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8211, 25.7959, 5.6234 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(109, 29, 47)` looks like.

```
.text, #text, p{  
    color:rgb(109, 29, 47)  
}
```

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(109, 29, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 29, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8211, 25.7959, 5.6234 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(109, 29, 47) }
```


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

```
.border{ border-color:rgb(109, 29, 47) }
```

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

Here you see how a box with a 4 pixel rgb(109, 29, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 29, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 29, 47);  
box-shadow:4px 4px 4px 4px rgb(109, 29,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.8211, 25.7959, 5.6234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 29, 47) }
```

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

```
.background{ background-color: rgb(109, 29,  
47) }
```

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