

Converting Colors

HunterLab(20.7532, -5.1261,
2.1592)

Have a look what the booklet for
HunterLab(20.7532, -5.1261, 2.1592)
contains.

HunterLab(20.8786, -5.2863, 2.1481)	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(20.8786, -5.2863,
2.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	303E38
RGB	48, 62, 56
RGB Percent	19%, 24%, 22%
CMY	0.8118, 0.7569, 0.7804
CMYK	0.23, 0.00, 0.10, 0.76
HSL	154°, 13%, 22%
HSV	154°, 23%, 24%
XYZ	3.6554, 4.3592, 4.3901
YIQ	57.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

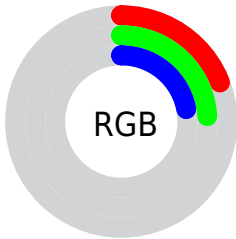
Format	Color
R_YB	48, 57, 62
Decimal	3161656
CIE Lab	24.83, -7.20, 1.81
CIE LCh	25, 7.421, 165.904
Yxy	4.3593, 0.2947, 0.3514
Android (android.graphics.Color)	4281351736 (0xFF303E38)
YUV	57.1300, -0.5571, -8.0070
Hunter-Lab	20.8786, -5.2863, 2.1481

Details

The HunterLab color **20.8786, -5.2863, 2.1481** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.4512, 3.5972, 0.2174**, and the grayscale version is **20.2758, -1.0819, 1.1016**.

A 20% lighter version of the original color is **38.0931, -7.4322, 3.3703**, and **7.3200, -4.6331, 1.3453** is the 20% darker color. If you saturate the color by 10%, you get **20.4785, -6.8991, 2.6260**, and if you desaturate by 10%, it is **21.3248, -3.5400, 1.7030**.

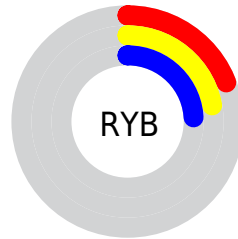
Distribution



Red (19%)

Green (24%)

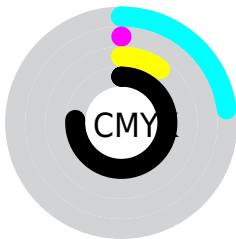
Blue (22%)



Red (19%)

Yellow (22%)

Blue (24%)

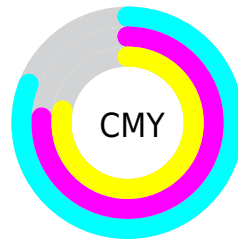


Cyan (23%)

Magenta (0%)

Yellow (10%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8786, -5.2863, 2.1481 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 20.8786, -5.2863, 2.1481 by changing the saturation by 10% instead.

■ 20.8786, -5.2863,
2.1481

■ 20.8786, -5.2863,
2.1481

■ 119.7710,
-14.0796, 8.3633

■ 13.6987, -4.3079,
1.6176

■ 37.9701, -7.1895,
3.3125

■ 7.3090, -4.6817,
1.4229

■ 47.7087, -8.1397,
3.9444

0.0000, NaN, NaN

■ 58.1615, -9.0972,
4.6080

0.0000, NaN, NaN

■ 69.2827, -10.0656,
5.3021

0.0000, NaN, NaN

■ 81.0343, -11.0468,
6.0257

0.0000, NaN, NaN

■ 93.3840, -12.0423,

0.0000, NaN, NaN

106.3043,
-13.0530, 7.5572

■ 20.8786, -5.2863,
2.1481

■ 20.8786, -5.2863,
2.1481

■ 20.4785, -6.8991,
2.6260

■ 21.3248, -3.5400,
1.7030

■ 20.1236, -8.3660,
3.1325

■ 21.8150, -1.6717,
1.2926

■ 19.8145, -9.6777,
3.6636

■ 22.3484, 0.3055,
0.9188

■ 19.5507, -10.8269,
4.2145

■ 22.9237, 2.3785,
0.5827

■ 19.3311, -11.8097,
4.7793

■ 23.5393, 4.5351,
0.2848

■ 19.1541, -12.6257,
5.3520

■ 24.1936, 6.7634,
0.0248

■ 19.0031, -13.3371,
5.9123

■ 24.8849, 9.0527,
-0.1979

■ 18.8927, -13.8591,
6.3037

■ 25.6115, 11.3932,
-0.3843

■ 26.3716, 13.7765,
-0.5357

Harmonies

Analogous

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



20.8790, -4.2374, 3.8909



20.8786, -5.2863, 2.1481



20.8790, -5.2530, -0.0659

Triad

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



20.8790, -5.2867, 2.1484



20.8790, 0.1272, -3.3935



20.8790, 2.0960, 3.9724

Complementary

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



20.8786, -5.2863, 2.1481



18.4512, 3.5972, 0.2174

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.



20.8790, 3.3723, 2.2714



20.8786, -5.2863, 2.1481



20.8790, 2.2021, -2.0532

Square

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



20.8790, -5.2867, 2.1484



20.8790, -2.1955, -3.4358



20.8790, 3.4119, 0.0713



20.8790, -0.0124, 4.8631

Rectangle

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



20.8786, -5.2863, 2.1481



20.8790, -4.6228, -1.5215



20.8790, 3.4119, 0.0713



20.8790, 2.6405, 3.4853

Sweetspot

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



20.8790, -5.2867, 2.1484



28.4132, -3.3871, 1.9526



21.0831, -4.8821, 5.0419



14.5758, -1.7344, 1.0009



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.8790, -5.2867, 2.1484



27.1875, -8.1882, 3.1807



20.7870, -4.0821, -0.2623



11.3569, -1.4638, 0.8059



28.8675, -21.4703, 10.2664



73.2728, -55.3956, 27.9985

Inverse Universe

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



18.4512, 3.5972, 0.2174



23.2215, 6.3505, 0.0404



18.5167, 2.4515, 2.4990



10.8718, 0.3067, 0.4177



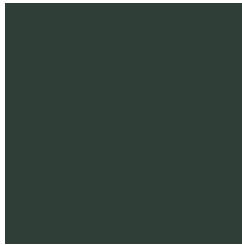
15.9826, 28.3480, 2.7517



40.4150, 71.2600, 10.2386

Previews

White Background



This preview shows how the HunterLab color 20.8786, -5.2863, 2.1481 looks on a white background.

Color Contrast Check

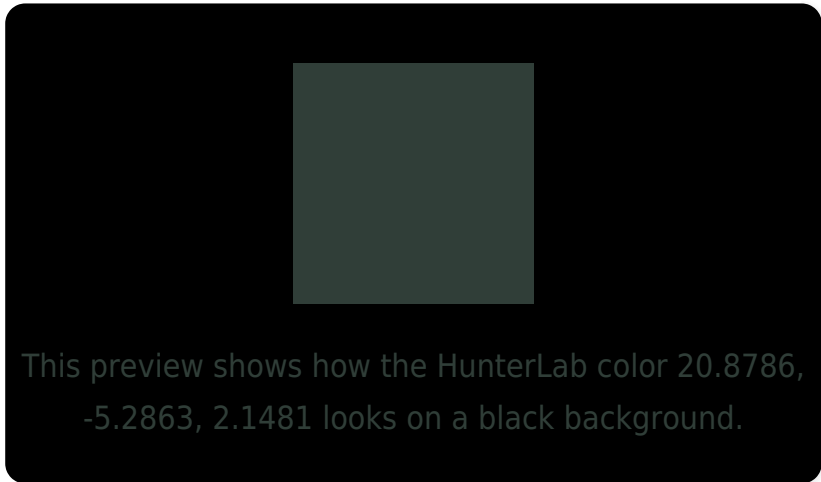
Large Text (above 18pt) WCAG AA ✓ Pass

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

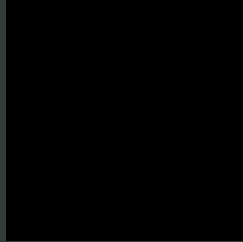
Any Text WCAG AA × Fail

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 20.8786, -5.2863, 2.1481 Background



This preview shows how black text looks on a background with the HunterLab color 20.8786, -5.2863, 2.1481.



This preview shows how white text looks on a background with the HunterLab color 20.8786, -5.2863,

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

20.8786, -5.2863, 2.1481

Protanopia

20.9437, -1.2450, 3.0036

Deuteranopia

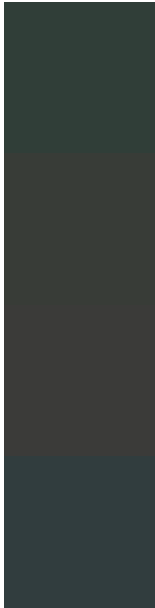
20.8458, 1.0391, 1.8536



Tritanopia

20.9696, -3.1730, -1.2742

Trichromacy



Original Color

20.8786, -5.2863, 2.1481

Protanomaly

20.8526, -2.7967, 2.5234

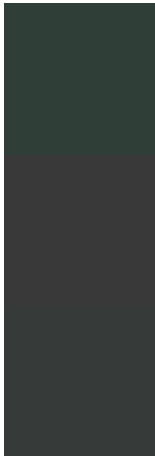
Deuteranomaly

20.8642, -1.3832, 1.8322

Tritanomaly

20.8285, -3.8421, -0.2059

Monochromacy



Original Color

20.8786, -5.2863, 2.1481

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.5125, -2.6219, 1.4052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8786, -5.2863, 2.1481 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(48, 62, 56)` looks like.

```
.text, #text, p{  
    color:rgb(48, 62, 56)  
}
```

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(48, 62, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 62, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8786, -5.2863, 2.1481 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(48, 62, 56) }
```


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

```
.border{ border-color:rgb(48, 62, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 62, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 62, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 62, 56);  
box-shadow:4px 4px 4px 4px rgb(48, 62, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8786, -5.2863, 2.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 62, 56) }
```

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

```
.background{ background-color: rgb(48, 62,  
56) }
```

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