

Converting Colors

HunterLab(20.3225, -2.4200,
0.8980)

Have a look what the booklet for
HunterLab(20.3225, -2.4200, 0.8980)
contains.

HunterLab(20.2200, -2.3248, 0.6810)	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(20.2200, -2.3248,
0.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	353A3A
RGB	53, 58, 58
RGB Percent	21%, 23%, 23%
CMY	0.7922, 0.7725, 0.7725
CMYK	0.09, 0.00, 0.00, 0.77
HSL	180°, 5%, 22%
HSV	180°, 9%, 23%
XYZ	3.7450, 4.0885, 4.5948
YIQ	56.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

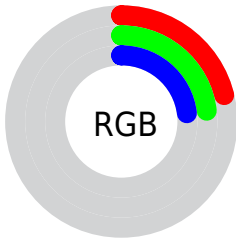
Format	Color
R_{YB}	53, 56, 58
Decimal	3488314
CIE _{Lab}	23.96, -2.11, -0.73
CIE _{LCh}	24, 2.233, 199.086
Yxy	4.0887, 0.3013, 0.3290
Android (android.graphics.Color)	4281678394 (0xFF353A3A)
YUV	56.5050, 0.7370, -3.0739
Hunter-Lab	20.2200, -2.3248, 0.6810

Details

The HunterLab color **20.2200, -2.3248, 0.6810** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.2429, 0.2828, 1.4840**, and the grayscale version is **20.0571, -1.0702, 1.0897**.

A 20% lighter version of the original color is **37.1919, -3.3801, 1.5530**, and **6.5403, -1.6972, -0.0965** is the 20% darker color. If you saturate the color by 10%, you get **19.8516, -3.6435, 0.2133**, and if you desaturate by 10%, it is **20.6289, -0.8941, 1.1900**.

Distribution



Red (21%)

Green (23%)

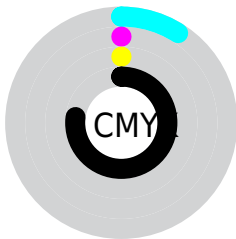
Blue (23%)



Red (21%)

Yellow (22%)

Blue (23%)

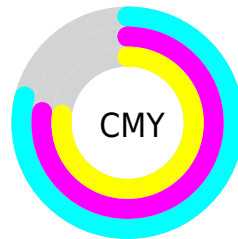


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2200, -2.3248, 0.6810 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 20.2200, -2.3248, 0.6810 by changing the saturation by 10% instead.

■ 20.2200, -2.3248,
0.6810

■ 20.2200, -2.3248,
0.6810

■ 118.5877, -8.5987,
5.7044

■ 13.1274, -1.7749,
0.3502

■ 37.1648, -3.5166,
1.5111

■ 6.6232, -1.7419,
-0.0964

■ 46.8393, -4.1580,
1.9973

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2324, -4.8291,
2.5253

0.0000, NaN, NaN

■ 68.2975, -5.5290,
3.0921

0.0000, NaN, NaN

■ 79.9960, -6.2567,
3.6954

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2952, -7.0114,

4.3329

0.0000, NaN, NaN

105.1673, -7.7923,
5.0031

■ 20.2200, -2.3248,
0.6810

■ 20.2200, -2.3248,
0.6810

■ 19.8516, -3.6435,
0.2133

■ 20.6289, -0.8941,
1.1900

■ 19.5229, -4.8403,
-0.2110

■ 21.0761, 0.6406,
1.7362

■ 19.2344, -5.9082,
-0.5892

■ 21.5612, 2.2689,
2.3165

■ 18.9861, -6.8416,
-0.9195

■ 22.0829, 3.9813,
2.9277

■ 18.7773, -7.6368,
-1.2005

■ 22.6400, 5.7680,
3.5664

■ 18.6070, -8.2927,
-1.4321

■ 23.2311, 7.6201,
4.2294

■ 18.4736, -8.8113,
-1.6150

■ 23.8548, 9.5291,
4.9139

■ 18.3691, -9.2204,
-1.7591

■ 24.5096, 11.4872,
5.6172

■ 18.2669, -9.6230,
-1.9009

■ 25.1940, 13.4875,
6.3367

Harmonies

Analogous

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



20.2204, -2.3732, 1.3394



20.2200, -2.3248, 0.6810



20.2204, -1.9462, 0.1181

Triad

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



20.2204, -2.3252, 0.6813



20.2204, -0.0621, 0.2518



20.2204, -0.8268, 2.3074

Complementary

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



20.2200, -2.3248, 0.6810



19.2429, 0.2828, 1.4840

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.



20.2204, -0.1989, 2.0363



20.2200, -2.3248, 0.6810



20.2204, 0.2465, 0.8589

Square

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



20.2204, -2.3252, 0.6813



20.2204, -0.6420, -0.1356



20.2204, 0.1961, 1.5112



20.2204, -1.5143, 2.2635

Rectangle

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



20.2200, -2.3248, 0.6810



20.2204, -1.5540, -0.1209



20.2204, 0.1961, 1.5112



20.2204, -0.6016, 2.2505

Sweetspot

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



20.2204, -2.3252, 0.6813



26.8902, -2.0460, 1.2563



20.1059, -2.9728, 2.4047



13.8996, -1.1061, 0.6332



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



20.2204, -2.3252, 0.6813



26.5076, -3.3954, 0.7769



19.6230, -1.3556, -0.0276



10.6149, -1.1950, 0.3663



28.9630, -15.3584, -3.0469



74.7982, -39.6644, -7.8672

Inverse Universe

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



19.2429, 0.2828, 1.4840



24.9453, 0.7740, 2.0602



19.8213, -0.7032, 2.1265



10.1223, 0.1191, 0.7707



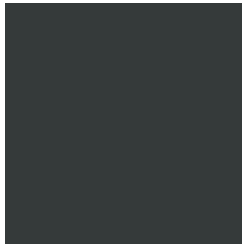
15.0501, 25.7741, 9.7230



38.8674, 66.5618, 25.1133

Previews

White Background



This preview shows how the HunterLab color 20.2200, -2.3248, 0.6810 looks on a white background.

Color Contrast Check

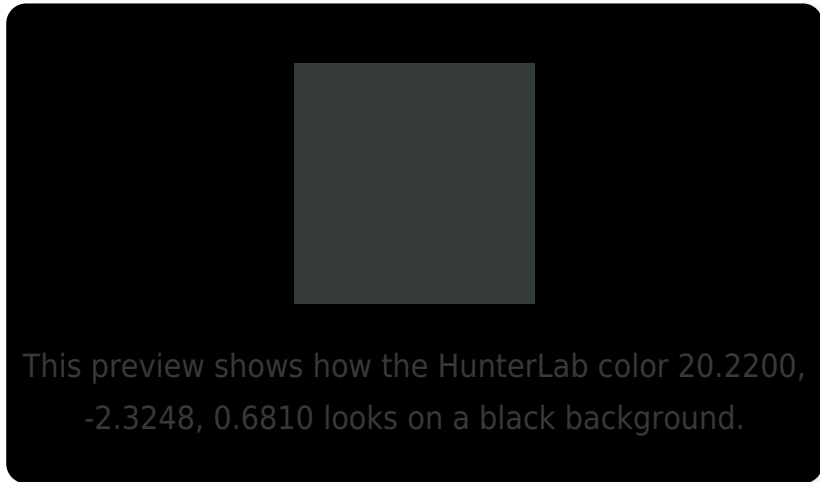
Large Text (above 18pt) WCAG AA ✓ Pass

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

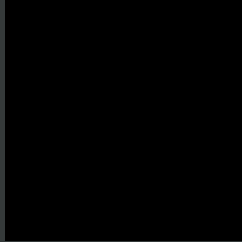
Any Text WCAG AA × Fail

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 20.2200, -2.3248, 0.6810 Background



This preview shows how black text looks on a background with the HunterLab color 20.2200, -2.3248, 0.6810.



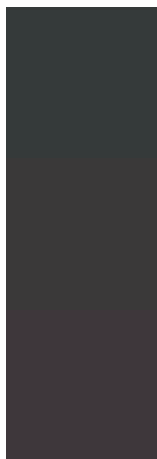
This preview shows how white text looks on a background with the HunterLab color 20.2200, -2.3248,

0.6810.

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

20.2200, -2.3248, 0.6810

Protanopia

20.3007, -0.8250, 1.1895

Deuteranopia

20.1799, 1.3249, 0.3012



Tritanopia

20.1453, -1.1058, -1.0190

Trichromacy



Original Color

20.2200, -2.3248, 0.6810

Protanomaly

20.1554, -1.3304, 1.0096

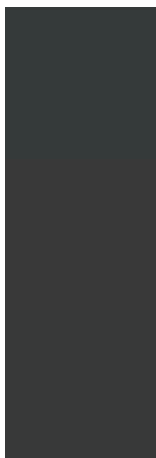
Deuteranomaly

20.1840, 0.1166, 0.2850

Tritanomaly

20.1183, -1.2540, -0.6361

Monochromacy



Original Color

20.2200, -2.3248, 0.6810

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.1554, -1.3304, 1.0096

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2200, -2.3248, 0.6810 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(53, 58, 58)` looks like.

```
.text, #text, p{  
    color:rgb(53, 58, 58)  
}
```

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(53, 58, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 58, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2200, -2.3248, 0.6810 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(53, 58, 58) }
```


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

```
.border{ border-color:rgb(53, 58, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 58, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 58, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 58, 58);  
box-shadow:4px 4px 4px 4px rgb(53, 58, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2200, -2.3248, 0.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 58, 58) }
```

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

```
.background{ background-color: rgb(53, 58,  
58) }
```

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