

Converting Colors

HunterLab(20.8504, -2.3846,
2.2745)

Have a look what the booklet for
HunterLab(20.8504, -2.3846, 2.2745)
contains.

HunterLab(20.9454, -2.4209, 2.2734)	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(20.9454, -2.4209,
2.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	393C38
RGB	57, 60, 56
RGB Percent	22%, 24%, 22%
CMY	0.7765, 0.7647, 0.7804
CMYK	0.05, 0.00, 0.07, 0.76
HSL	105°, 3%, 23%
HSV	105°, 7%, 24%
XYZ	4.0170, 4.3871, 4.3764
YIQ	58.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

Format	Color
R_{YB}	56, 60, 59
Decimal	3750968
CIE Lab	24.91, -2.18, 2.03
CIE LCh	25, 2.979, 137.077
Yxy	4.3873, 0.3143, 0.3433
Android (android.graphics.Color)	4281941048 (0xFF393C38)
YUV	58.6470, -1.3050, -1.4444
Hunter-Lab	20.9454, -2.4209, 2.2734

Details

The HunterLab color **20.9454, -2.4209, 2.2734** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.2102, 0.2576, -0.0841**, and the grayscale version is **20.7965, -1.1097, 1.1299**.

A 20% lighter version of the original color is **37.9970, -3.4755, 3.3299**, and **7.4501, -1.7753, 1.5293** is the 20% darker color. If you saturate the color by 10%, you get **20.5075, -4.2599, 3.8376**, and if you desaturate by 10%, it is **21.4191, -0.4741, 0.5744**.

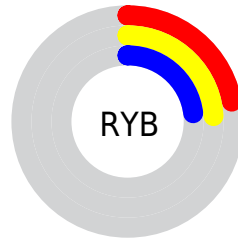
Distribution



Red (22%)

Green (24%)

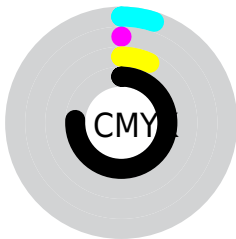
Blue (22%)



Red (22%)

Yellow (24%)

Blue (23%)



Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9454, -2.4209, 2.2734 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 20.9454, -2.4209, 2.2734 by changing the saturation by 10% instead.

■ 20.9454, -2.4209,
2.2734

■ 20.9454, -2.4209,
2.2734

■ 119.8906, -8.7536,
8.5945

■ 13.7567, -1.8625,
1.7249

■ 38.0516, -3.6283,
3.4676

■ 7.3746, -1.6830,
1.5419

■ 47.7967, -4.2769,
4.1125

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.2555, -4.9547,
4.7881

0.0000, NaN, NaN

■ 69.3823, -5.6609,
5.4936

0.0000, NaN, NaN

■ 81.1392, -6.3947,
6.2278

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.4941, -7.1553,

106.4192, -7.9418,
7.7791

■ 20.9454, -2.4209,
2.2734

■ 20.9454, -2.4209,
2.2734

■ 20.5075, -4.2599,
3.8376

■ 21.4191, -0.4741,
0.5744

■ 20.1049, -5.9787,
5.2567

■ 21.9262, 1.5708,
-1.2502

■ 19.7389, -7.5671,
6.5226

■ 22.4659, 3.7025,
-3.1898

■ 19.4099, -9.0155,
7.6284

■ 23.0371, 5.9108,
-5.2344

■ 19.1182, -10.3153,
8.5692

■ 23.6385, 8.1860,
-7.3739

■ 18.8636, -11.4600,
9.3429

■ 24.2686, 10.5193,
-9.5990

■ 18.6457, -12.4455,
9.9505

■ 24.9264, 12.9026,
-11.9010

■ 18.4629, -13.2746,
10.4067

■ 25.6104, 15.3287,
-14.2717

■ 18.3053, -14.0030,
10.8485

■ 26.3193, 17.7913,
-16.7037

Harmonies

Analogous

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



20.9459, -1.6450, 2.7127



20.9454, -2.4209, 2.2734



20.9459, -2.8455, 1.5197

Triad

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



20.9459, -2.4214, 2.2737



20.9459, -1.5200, -0.5995



20.9459, 0.6309, 1.6371

Complementary

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



20.9454, -2.4209, 2.2734



20.2102, 0.2576, -0.0841

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.



20.9459, 0.6658, 0.7533



20.9454, -2.4209, 2.2734



20.9459, -0.5872, -0.5647

Square

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



20.9459, -2.4214, 2.2737



20.9459, -2.3313, -0.1537



20.9459, 0.2165, -0.0606



20.9459, 0.1220, 2.3564

Rectangle

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



20.9454, -2.4209, 2.2734



20.9459, -2.8763, 0.9280



20.9459, 0.2165, -0.0606



20.9459, 0.6988, 1.3501

Sweetspot

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



20.9459, -2.4214, 2.2737



27.8489, -2.0320, 1.9913



20.9148, -1.2555, 2.2593



14.7650, -1.0415, 1.0245



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.



20.9459, -2.4214, 2.2737



27.4675, -3.6125, 3.3586



20.8999, -2.5368, 1.8526



11.3669, -1.5031, 1.3969



28.7347, -22.9492, 17.3044



72.7926, -59.5081, 43.8126

Inverse Universe

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



20.2102, 0.2576, -0.0841



26.2522, 0.8134, -0.5371



20.2605, 0.3774, 0.3821



10.8593, 0.3455, -0.2303



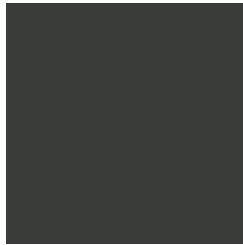
14.6474, 30.6444, -33.6369



36.6299, 77.1052, -87.7672

Previews

White Background



This preview shows how the HunterLab color 20.9454, -2.4209, 2.2734 looks on a white background.

Color Contrast Check

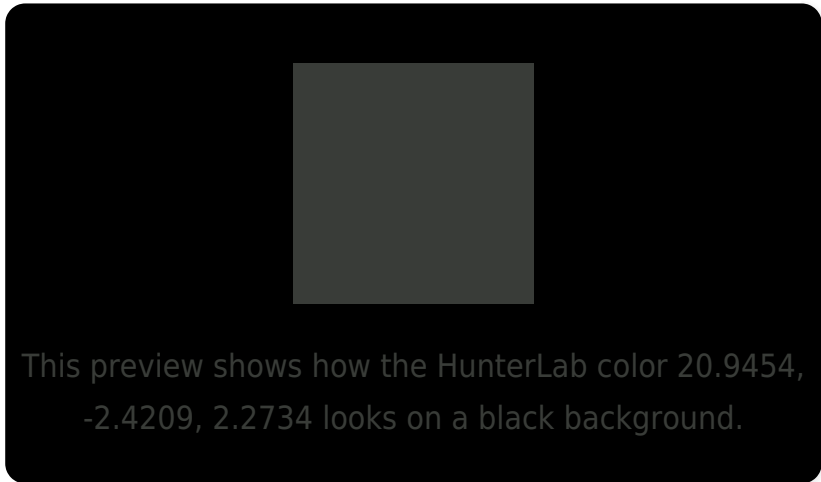
Large Text (above 18pt) WCAG AA ✓ Pass

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

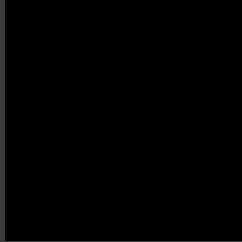
Any Text WCAG AA × Fail

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 20.9454, -2.4209, 2.2734 Background



This preview shows how black text looks on a background with the HunterLab color 20.9454, -2.4209, 2.2734.



This preview shows how white text looks on a background with the HunterLab color 20.9454, -2.4209, 2.2734.

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

20.9454, -2.4209, 2.2734

Protanopia

20.9663, -1.1208, 2.6786

Deuteranopia

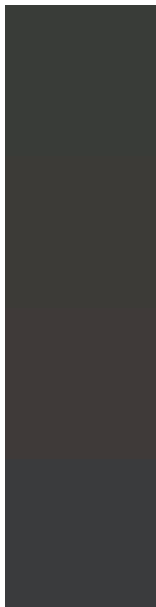
20.9282, 1.3167, 1.9526



Tritanopia

20.9705, -0.6563, -0.8033

Trichromacy



Original Color

20.9454, -2.4209, 2.2734

Protanomaly

20.8912, -1.3826, 2.5910

Deuteranomaly

20.9243, 0.0771, 1.9265

Tritanomaly

20.8911, -1.0905, 0.3243

Monochromacy



Original Color

20.9454, -2.4209, 2.2734

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8158, -1.5040, 1.3984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9454, -2.4209, 2.2734 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(57, 60, 56)` looks like.

```
.text, #text, p{  
    color:rgb(57, 60, 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(57, 60, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 60, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9454, -2.4209, 2.2734 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(57, 60, 56) }
```


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

```
.border{ border-color:rgb(57, 60, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 60, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 60, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 60, 56);  
box-shadow:4px 4px 4px 4px rgb(57, 60, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9454, -2.4209, 2.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 60, 56) }
```

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

```
.background{ background-color: rgb(57, 60,  
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