

Converting Colors

HunterLab(20.3871, -1.4285,
2.8173)

Have a look what the booklet for
HunterLab(20.3871, -1.4285, 2.8173)
contains.

HunterLab(20.5255, -1.4876, 2.8924)	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(20.5255, -1.4876,
2.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3A35
RGB	59, 58, 53
RGB Percent	23%, 23%, 21%
CMY	0.7686, 0.7725, 0.7922
CMYK	0.00, 0.02, 0.10, 0.77
HSL	50°, 5%, 22%
HSV	50°, 10%, 23%
XYZ	3.9593, 4.2130, 3.9727
YIQ	57.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

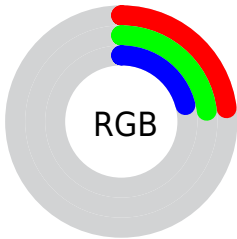
Format	Color
RYB	54, 59, 53
Decimal	3881525
CIELab	24.36, -0.65, 3.26
CIElCh	24, 3.323, 101.366
Yxy	4.2131, 0.3260, 0.3469
Android (android.graphics.Color)	4282071605 (0xFF3B3A35)
YUV	57.7290, -2.3314, 1.1147
Hunter-Lab	20.5255, -1.4876, 2.8924

Details

The HunterLab color **20.5255, -1.4876, 2.8924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.2638, -0.5688, -0.8748**, and the grayscale version is **20.4845, -1.0930, 1.1130**.

A 20% lighter version of the original color is **37.5076, -2.5925, 4.4069**, and **6.9163, -0.5975, 2.2820** is the 20% darker color. If you saturate the color by 10%, you get **20.1595, -1.7841, 4.4502**, and if you desaturate by 10%, it is **20.9065, -1.1226, 1.1669**.

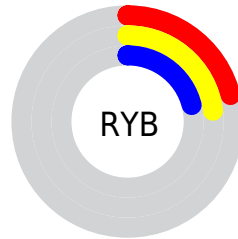
Distribution



Red (23%)

Green (23%)

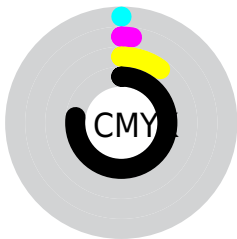
Blue (21%)



Red (21%)

Yellow (23%)

Blue (21%)

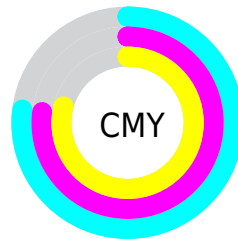


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (77%)



Cyan (77%)

Magenta (77%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5255, -1.4876, 2.8924 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 20.5255, -1.4876, 2.8924 by changing the saturation by 10% instead.

■ 20.5255, -1.4876,
2.8924

■ 20.5255, -1.4876,
2.8924

■ 119.1377, -7.0693,
9.7816

■ 13.3921, -1.0547,
2.2449

■ 37.5387, -2.4847,
4.2489

■ 6.9506, -0.7819,
2.3215

■ 47.2431, -3.0415,
4.9635

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6640, -3.6338,
5.7037

0.0000, NaN, NaN

■ 68.7552, -4.2598,
6.4695

0.0000, NaN, NaN

■ 80.4784, -4.9177,
7.2606

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8012, -5.6061,

105.6958, -6.3236,
8.9171

■ 20.5255, -1.4876,
2.8924

■ 20.5255, -1.4876,
2.8924

■ 20.1595, -1.7841,
4.4502

■ 20.9065, -1.1226,
1.1669

■ 19.8073, -2.0094,
5.8355

■ 21.3010, -0.6892,
-0.7224

■ 19.4694, -2.1632,
7.0453

■ 21.7091, -0.1898,
-2.7698

■ 19.1459, -2.2451,
8.0778

■ 22.1307, 0.3737,
-4.9695

■ 18.8367, -2.2555,
8.9326

■ 22.5654, 0.9991,
-7.3154

■ 18.5416, -2.1954,
9.6112

■ 23.0129, 1.6839,
-9.8014

■ 18.2603, -2.0668,
10.1173

■ 23.4730, 2.4258,
-12.4209

■ 17.9892, -1.8897,
10.5028

■ 23.9452, 3.2225,
-15.1679

■ 17.7242, -1.7160,
10.8915

■ 24.4294, 4.0715,
-18.0360

Harmonies

Analogous

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



20.5259, -0.4547, 2.8360



20.5255, -1.4876, 2.8924



20.5259, -2.3986, 2.4916

Triad

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



20.5259, -1.4881, 2.8927



20.5259, -2.5727, -0.1773



20.5259, 0.8292, 0.5014

Complementary

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



20.5255, -1.4876, 2.8924



19.2638, -0.5688, -0.8748

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.



20.5259, 0.2393, -0.3592



20.5255, -1.4876, 2.8924



20.5259, -1.7301, -0.7643

Square

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



20.5259, -1.4881, 2.8927



20.5259, -3.0164, 0.7396



20.5259, -0.7015, -0.8324



20.5259, 0.8971, 1.4879

Rectangle

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



20.5255, -1.4876, 2.8924



20.5259, -2.8187, 2.0064



20.5259, -0.7015, -0.8324



20.5259, 0.6848, 0.1866

Sweetspot

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



20.5259, -1.4881, 2.8927



26.9061, -1.6024, 2.1954



19.3453, 0.6792, 1.2359



13.9089, -0.8414, 1.1929



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.



20.5259, -1.4881, 2.8927



26.4471, -2.0252, 4.2434



20.6274, -2.4013, 2.9871



11.4014, -0.7927, 1.4476



28.1763, -2.2863, 17.3221



70.8312, -4.4763, 43.5675

Inverse Universe

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



19.2638, -0.5688, -0.8748



24.4356, -0.5583, -1.7649



19.1684, 0.3344, -0.9812



10.8172, -0.3675, -0.2956



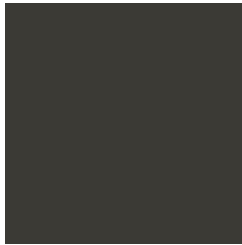
10.8461, 17.5073, -51.3498



25.6605, 51.2573, -142.7232

Previews

White Background



This preview shows how the HunterLab color 20.5255, -1.4876, 2.8924 looks on a white background.

Color Contrast Check

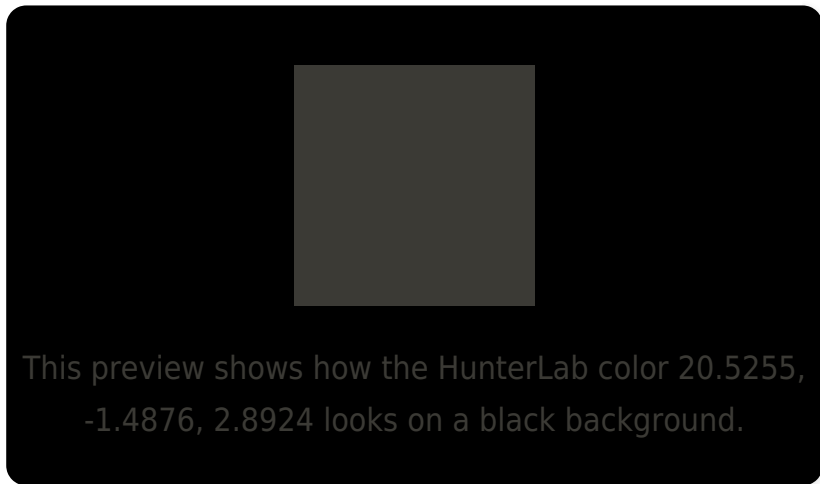
Large Text (above 18pt) WCAG AA ✓ Pass

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

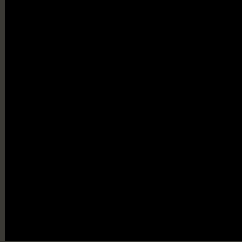
Any Text WCAG AA × Fail

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 20.5255, -1.4876, 2.8924 Background



This preview shows how black text looks on a background with the HunterLab color 20.5255, -1.4876, 2.8924.



This preview shows how white text looks on a background with the HunterLab color 20.5255, -1.4876,

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

20.5255, -1.4876, 2.8924

Protanopia

20.6005, -1.2257, 2.9786

Deuteranopia

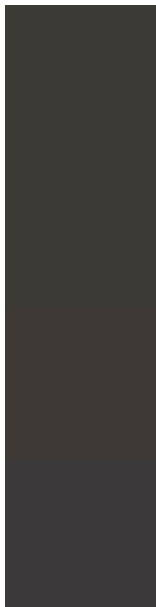
20.5163, 0.9577, 2.9252



Tritanopia

20.5520, 0.2423, -0.0681

Trichromacy



Original Color

20.5255, -1.4876, 2.8924

Protanomaly

20.6005, -1.2257, 2.9786

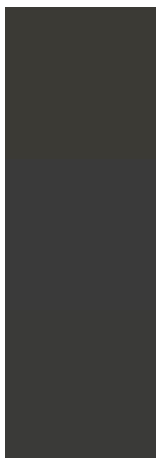
Deuteranomaly

20.5914, -0.0112, 2.9900

Tritanomaly

20.4754, -0.1732, 1.0224

Monochromacy



Original Color

20.5255, -1.4876, 2.8924

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5212, -1.3640, 1.8115

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5255, -1.4876, 2.8924 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(59, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(59, 58, 53)  
}
```

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(59, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 58, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5255, -1.4876, 2.8924 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(59, 58, 53) }
```


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

```
.border{ border-color:rgb(59, 58, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 58, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(59, 58, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5255, -1.4876, 2.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 58, 53) }
```

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

```
.background{ background-color: rgb(59, 58,  
53) }
```

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