

Converting Colors

HunterLab(20.4361, 0.6224,
0.4389)

Have a look what the booklet for
HunterLab(20.4361, 0.6224, 0.4389)
contains.

HunterLab(20.3377, 0.6402, 0.4807)	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(20.3377, 0.6402,
0.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	3D383B
RGB	61, 56, 59
RGB Percent	24%, 22%, 23%
CMY	0.7608, 0.7804, 0.7686
CMYK	0.00, 0.08, 0.03, 0.76
HSL	324°, 4%, 23%
HSV	324°, 8%, 24%
XYZ	4.1281, 4.1362, 4.7185
YIQ	57.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

Format	Color
RYB	61, 56, 59
Decimal	4012091
CIELab	24.12, 2.84, -1.08
CIELCh	24, 3.036, 339.115
Yxy	4.1364, 0.3180, 0.3186
Android (android.graphics.Color)	4282202171 (0xFF3D383B)
YUV	57.8370, 0.5734, 2.7740
Hunter-Lab	20.3377, 0.6402, 0.4807

Details

The HunterLab color **20.3377, 0.6402, 0.4807** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.1751, -2.8021, 1.7900**, and the grayscale version is **20.5119, -1.0945, 1.1145**.

A 20% lighter version of the original color is **37.3219, -0.0957, 1.3341**, and **6.8320, 1.4643, -0.3667** is the 20% darker color. If you saturate the color by 10%, you get **18.8572, 2.8611, -0.3207**, and if you desaturate by 10%, it is **21.8864, -1.5441, 1.3300**.

Distribution



Red (24%)

Green (22%)

Blue (23%)



Red (24%)

Yellow (22%)

Blue (23%)

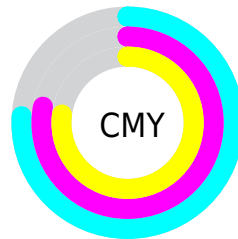


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3377, 0.6402, 0.4807 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 20.3377, 0.6402, 0.4807 by changing the saturation by 10% instead.

■ 20.3377, 0.6402,
0.4807

■ 20.3377, 0.6402,
0.4807

■ 118.7998, -3.2718,
5.3513

■ 13.2293, 0.7970,
0.1749

■ 37.3089, 0.1087,
1.2685

■ 6.7514, 1.4700,
-0.2970

■ 46.9950, -0.2441,
1.7359

0.0000, NaN, NaN

■ 57.3988, -0.6465,
2.2466

0.0000, NaN, NaN

■ 68.4740, -1.0938,
2.7970

0.0000, NaN, NaN

■ 80.1820, -1.5826,
3.3848

0.0000, NaN, NaN

■ 92.4904, -2.1100,

0.0000, NaN, NaN

4.0076

0.0000, NaN, NaN

105.3711, -2.6738,
4.6636

■ 20.3377, 0.6402,
0.4807

■ 20.3377, 0.6402,
0.4807

■ 18.8572, 2.8611,
-0.3207

■ 21.8864, -1.5441,
1.3300

■ 17.4534, 5.1136,
-1.0617

■ 23.4939, -3.6888,
2.2160

■ 16.1381, 7.3821,
-1.7237

■ 25.1540, -5.7963,
3.1317

■ 14.9251, 9.6380,
-2.2828

■ 26.8611, -7.8696,
4.0717

■ 13.8298, 11.8337,
-2.7093

■ 28.6106, -9.9125,
5.0319

■ 12.8690, 13.8977,
-2.9685

■ 30.3986, -11.9290,
6.0093

■ 12.0595, 15.7335,
-3.0251

■ 32.2217, -13.9228,
7.0017

■ 11.3935, 17.2988,
-2.8823

■ 34.0772, -15.8974,
8.0074

■ 10.7230, 19.0381,
-2.7537

■ 35.9627, -17.8559,
9.0250

Harmonies

Analogous

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



20.3381, 0.0730, -0.2805



20.3377, 0.6402, 0.4807



20.3381, 0.7394, 1.3790

Triad

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



20.3381, 0.6397, 0.4810



20.3381, -1.3734, 2.7411



20.3381, -2.4772, -0.0141

Complementary

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



20.3377, 0.6402, 0.4807



21.1751, -2.8021, 1.7900

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.



20.3381, -2.8498, 0.8313



20.3377, 0.6402, 0.4807



20.3381, -2.2202, 2.4033

Square

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



20.3381, 0.6397, 0.4810



20.3381, -0.4343, 2.6569



20.3381, -2.7565, 1.7138



20.3381, -1.7301, -0.5753

Rectangle

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



20.3377, 0.6402, 0.4807



20.3381, 0.5259, 1.9304



20.3381, -2.7565, 1.7138



20.3381, -2.6498, 0.2478

Sweetspot

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



20.3381, 0.6397, 0.4810



27.5574, -0.9043, 1.2880



20.1619, 0.1439, -0.5568



14.6296, -0.5178, 0.6977



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.



20.3381, 0.6397, 0.4810



25.9029, 1.4723, 0.3834



20.2758, 0.3030, 1.3697



10.8838, 0.3712, 0.2473



16.4003, 29.8632, -3.1788



41.4753, 75.1170, -4.8991

Inverse Universe

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



20.3381, 0.6397, 0.4810



25.9029, 1.4723, 0.3834



21.2365, -2.4611, 0.9129



10.8838, 0.3712, 0.2473



16.4003, 29.8632, -3.1788



41.4753, 75.1170, -4.8991

Previews

White Background



This preview shows how the HunterLab color 20.3377, 0.6402, 0.4807 looks on a white background.

Color Contrast Check

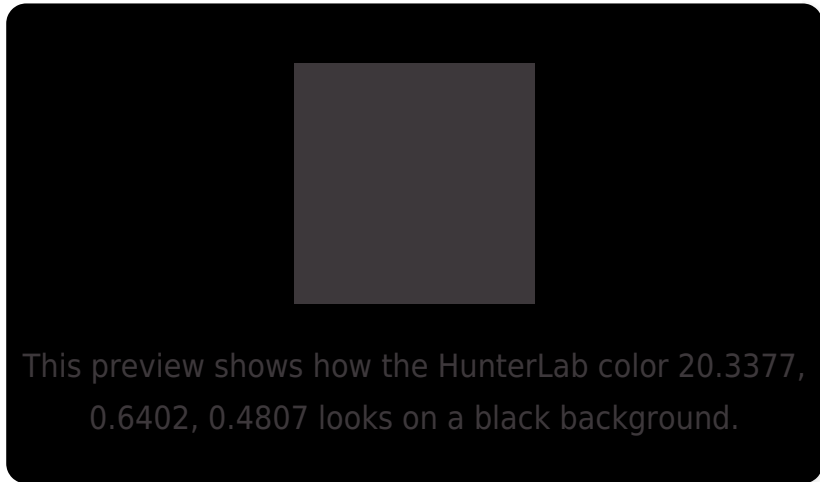
Large Text (above 18pt) WCAG AA ✓ Pass

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

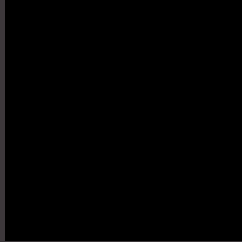
Any Text WCAG AA × Fail

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 20.3377, 0.6402, 0.4807 Background



This preview shows how black text looks on a background with the HunterLab color 20.3377, 0.6402, 0.4807.



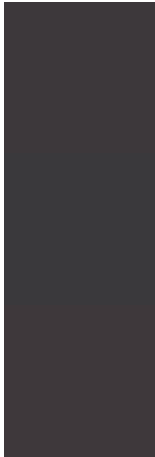
This preview shows how white text looks on a background with the HunterLab color 20.3377, 0.6402,

0.4807.

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

20.3377, 0.6402, 0.4807

Protanopia

20.3766, -0.4114, 0.1098

Deuteranopia

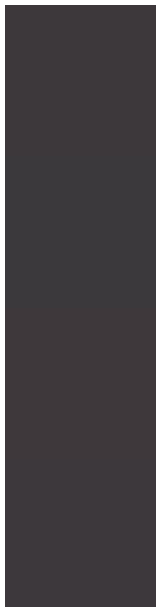
20.4163, 0.9065, 0.5803



Tritanopia

20.3634, 0.7790, 0.1145

Trichromacy



Original Color

20.3377, 0.6402, 0.4807

Protanomaly

20.4507, -0.1565, 0.2050

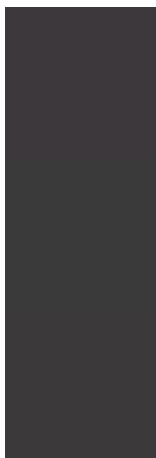
Deuteranomaly

20.4163, 0.9065, 0.5803

Tritanomaly

20.3634, 0.7790, 0.1145

Monochromacy



Original Color

20.3377, 0.6402, 0.4807

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.3999, -0.4329, 0.9285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3377, 0.6402, 0.4807 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(61, 56, 59)` looks like.

```
.text, #text, p{  
    color:rgb(61, 56, 59)  
}
```

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(61, 56, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 56, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3377, 0.6402, 0.4807 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(61, 56, 59) }
```


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

```
.border{ border-color:rgb(61, 56, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 56, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 56, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 56, 59);  
box-shadow:4px 4px 4px 4px rgb(61, 56, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3377, 0.6402, 0.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 56, 59) }
```

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

```
.background{ background-color: rgb(61, 56,  
59) }
```

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