

Converting Colors

HunterLab(20.5399, 0.7464,
5.2086)

Have a look what the booklet for
HunterLab(20.5399, 0.7464, 5.2086)
contains.

HunterLab(20.5399, 0.7464, 5.2086)	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(20.5399, 0.7464,
5.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	43382E
RGB	67, 56, 46
RGB Percent	26%, 22%, 18%
CMY	0.7373, 0.7804, 0.8196
CMYK	0.00, 0.16, 0.31, 0.74
HSL	29°, 19%, 22%
HSV	29°, 31%, 26%
XYZ	4.2220, 4.2189, 3.1765
YIQ	58.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

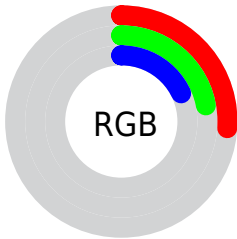
Format	Color
RYB	67, 65, 46
Decimal	4405294
CIELab	24.38, 3.02, 8.06
CIELCh	24, 8.602, 69.478
Yxy	4.2191, 0.3634, 0.3632
Android (android.graphics.Color)	4282595374 (0xFF43382E)
YUV	58.1490, -5.9895, 7.7623
Hunter-Lab	20.5399, 0.7464, 5.2086

Details

The HunterLab color **20.5399, 0.7464, 5.2086** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.7793, -2.0991, -3.7665**, and the grayscale version is **20.6387, -1.1012, 1.1213**.

A 20% lighter version of the original color is **37.5740, 0.0524, 7.1767**, and **7.0322, 1.5231, 4.3599** is the 20% darker color. If you saturate the color by 10%, you get **19.6010, 1.5427, 6.2197**, and if you desaturate by 10%, it is **21.5134, 0.0273, 4.0738**.

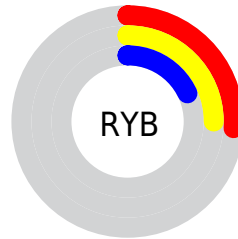
Distribution



Red (26%)

Green (22%)

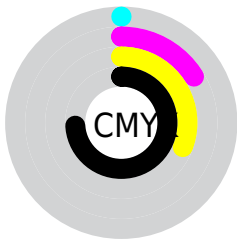
Blue (18%)



Red (26%)

Yellow (25%)

Blue (18%)

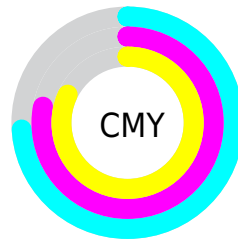


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (74%)



Cyan (74%)

Magenta (78%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5399, 0.7464, 5.2086 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 20.5399, 0.7464, 5.2086 by changing the saturation by 10% instead.

■ 20.5399, 0.7464,
5.2086

■ 20.5399, 0.7464,
5.2086

■ 119.1636, -3.0927,
14.4642

■ 13.4047, 0.8915,
4.1396

■ 37.5563, 0.2346,
7.2484

■ 6.9657, 1.5144,
4.8760

■ 47.2621, -0.1093,
8.2547

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6844, -0.5033,
9.2637

0.0000, NaN, NaN

■ 68.7768, -0.9428,
10.2799

0.0000, NaN, NaN

■ 80.5012, -1.4241,
11.3064

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8251, -1.9444,

12.3451

0.0000, NaN, NaN

105.7207, -2.5013,
13.3973

■ 20.5399, 0.7464,
5.2086

■ 20.5399, 0.7464,
5.2086

■ 19.6010, 1.5427,
6.2197

■ 21.5134, 0.0273,
4.0738

■ 18.6979, 2.4223,
7.0940

■ 22.5176, -0.6169,
2.8259

■ 17.8343, 3.3872,
7.8191

■ 23.5507, -1.1919,
1.4758

■ 17.0132, 4.4382,
8.3827

■ 24.6105, -1.7025,
0.0329

■ 16.2379, 5.5737,
8.7739

■ 25.6951, -2.1534,
-1.4941

■ 15.5080, 6.7701,
9.0377

■ 26.8030, -2.5493,
-3.0978

■ 14.9046, 7.7956,
9.3206

■ 27.9325, -2.8945,
-4.7713

■ 29.0823, -3.1929,
-6.5090

■ 30.2512, -3.4483,
-8.3054

Harmonies

Analogous

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



20.5404, 3.0448, 4.0038



20.5399, 0.7464, 5.2086



20.5404, -1.9409, 5.3990

Triad

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



20.5404, 0.7457, 5.2089



20.5404, -5.9487, 0.2922



20.5404, 2.2920, -3.0488

Complementary

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



20.5399, 0.7464, 5.2086



19.7793, -2.0991, -3.7665

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.



20.5404, -0.2394, -4.3443



20.5399, 0.7464, 5.2086



20.5404, -4.9348, -2.2585

Square

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



20.5404, 0.7457, 5.2089



20.5404, -5.7152, 2.7675



20.5404, -2.8771, -4.0379



20.5404, 3.9689, -0.6806

Rectangle

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



20.5399, 0.7464, 5.2086



20.5404, -3.5781, 4.9529



20.5404, -2.8771, -4.0379



20.5404, 1.5076, -3.6371

Sweetspot

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



20.5404, 0.7457, 5.2089



29.4997, -0.9554, 3.3332



18.5600, 6.3293, -0.9021



14.9687, -0.4593, 1.7560



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.5404, 0.7457, 5.2089



25.6653, 1.8105, 7.8539



23.0698, -3.4362, 7.5123



11.9182, -0.4114, 1.2811



21.2170, 12.5239, 13.2931



51.3812, 35.5270, 32.2828

Inverse Universe

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



19.7793, -2.0991, -3.7665



24.4302, -2.7858, -6.7225



17.3068, 2.1443, -7.4899



11.8079, -0.8262, -0.0187



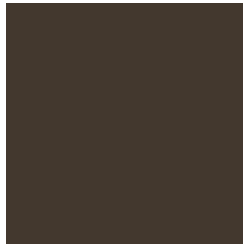
17.9083, 1.8116, -26.2946



42.7190, 8.5255, -71.7992

Previews

White Background



This preview shows how the HunterLab color 20.5399, 0.7464, 5.2086 looks on a white background.

Color Contrast Check

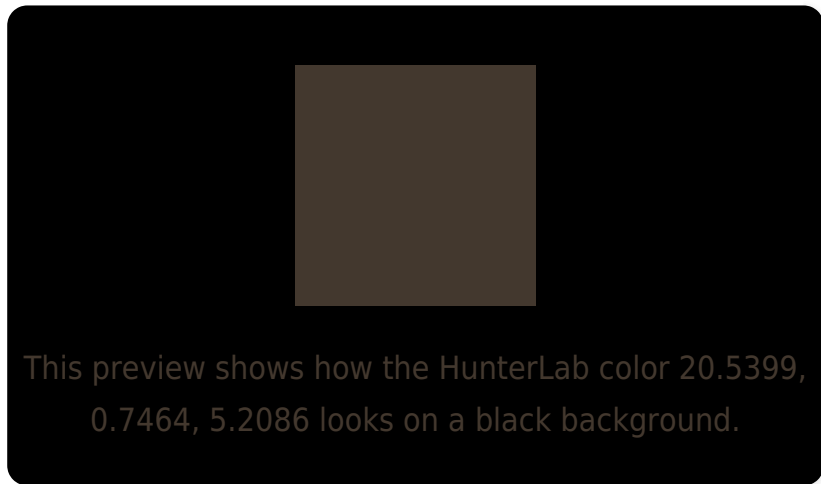
Large Text (above 18pt) WCAG AA ✓ Pass

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

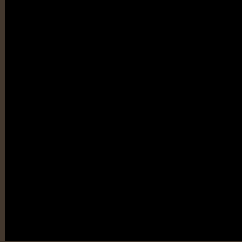
Any Text WCAG AA × Fail

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 20.5399, 0.7464, 5.2086 Background



This preview shows how black text looks on a background with the HunterLab color 20.5399, 0.7464, 5.2086.



This preview shows how white text looks on a background with the HunterLab color 20.5399, 0.7464,

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

20.5399, 0.7464, 5.2086

Protanopia

20.6288, -1.3783, 4.9578

Deuteranopia

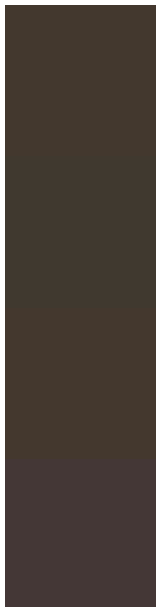
20.6266, 1.0392, 5.2984



Tritanopia

20.4273, 3.2842, 1.0261

Trichromacy



Original Color

20.5399, 0.7464, 5.2086

Protanomaly

20.5462, -0.4182, 4.8926

Deuteranomaly

20.6266, 1.0392, 5.2984

Tritanomaly

20.5613, 2.3541, 2.6472

Monochromacy



Original Color

20.5399, 0.7464, 5.2086

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4565, -0.4293, 2.4824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5399, 0.7464, 5.2086 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(67, 56, 46)` looks like.

```
.text, #text, p{  
    color:rgb(67, 56, 46)  
}
```

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(67, 56, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 56, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5399, 0.7464, 5.2086 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(67, 56, 46) }
```


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

```
.border{ border-color:rgb(67, 56, 46) }
```

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

Here you see how a box with a 4 pixel rgb(67, 56, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 56, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 56, 46);  
box-shadow:4px 4px 4px 4px rgb(67, 56, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5399, 0.7464, 5.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 56, 46) }
```

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

```
.background{ background-color: rgb(67, 56,  
46) }
```

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