

Converting Colors

HunterLab(21.0143, 5.4761,
3.3535)

Have a look what the booklet for
HunterLab(21.0143, 5.4761, 3.3535)
contains.

HunterLab(21.0741, 5.1788, 3.2576)	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(21.0741, 5.1788,
3.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3636
RGB	76, 54, 54
RGB Percent	30%, 21%, 21%
CMY	0.7020, 0.7882, 0.7882
CMYK	0.00, 0.29, 0.29, 0.70
HSL	0°, 17%, 25%
HSV	0°, 29%, 30%
XYZ	4.9655, 4.4412, 4.0855
YIQ	60.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

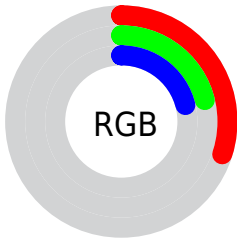
Format	Color
R_YB	76, 54, 54
Decimal	4994614
CIE Lab	25.08, 9.85, 3.87
CIE LCh	25, 10.581, 21.457
Yxy	4.4414, 0.3680, 0.3292
Android (android.graphics.Color)	4283184694 (0xFF4C3636)
YUV	60.5780, -3.2430, 13.5251
Hunter-Lab	21.0741, 5.1788, 3.2576

Details

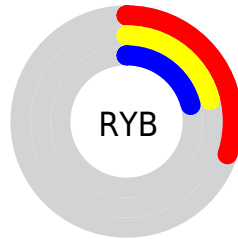
The HunterLab color **21.0741, 5.1788, 3.2576** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.4455, -6.5773, -0.3677**, and the grayscale version is **21.4644, -1.1453, 1.1662**.

A 20% lighter version of the original color is **38.2190, 5.3224, 4.5438**, and **7.3897, 5.4018, 2.3441** is the 20% darker color. If you saturate the color by 10%, you get **19.2939, 7.6311, 3.9517**, and if you desaturate by 10%, it is **22.9826, 2.8090, 2.6016**.

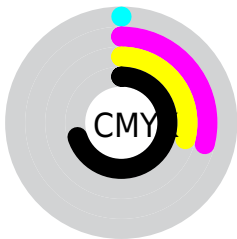
Distribution



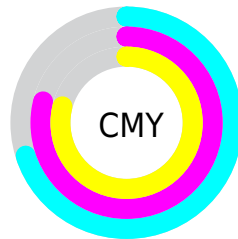
- Red (30%)
- Green (21%)
- Blue (21%)



- Red (30%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (29%)
- Yellow (29%)
- Black (70%)



- Cyan (70%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0741, 5.1788, 3.2576 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 21.0741, 5.1788, 3.2576 by changing the saturation by 10% instead.

■ 21.0741, 5.1788,
3.2576

■ 21.0741, 5.1788,
3.2576

■ 120.1207, 4.4275,
10.4549

■ 13.8687, 4.8390,
2.5582

■ 38.2087, 5.5090,
4.7008

■ 7.4993, 5.3216,
2.5477

■ 47.9661, 5.5402,
5.4532

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4365, 5.4983,
6.2285

0.0000, NaN, NaN

■ 69.5741, 5.3916,
7.0271

0.0000, NaN, NaN

■ 81.3413, 5.2264,
7.8493

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7059, 5.0080,

8.6948

0.0000, NaN, NaN

106.6404, 4.7406,
9.5635

■ 21.0741, 5.1788,
3.2576

■ 21.0741, 5.1788,
3.2576

■ 19.2939, 7.6311,
3.9517

■ 22.9826, 2.8090,
2.6016

■ 17.6630, 10.1447,
4.6765

■ 24.9994, 0.5304,
1.9833

■ 16.2085, 12.6665,
5.4167

■ 27.1097, -1.6613,
1.4009

■ 14.9596, 15.1036,
6.1433

■ 29.3015, -3.7740,
0.8508

■ 13.9451, 17.3172,
6.8118

■ 31.5648, -5.8170,
0.3293

■ 13.1810, 19.1547,
7.3724

■ 33.8916, -7.7999,
-0.1676

■ 12.4730, 21.0139,
7.9445

■ 36.2753, -9.7317,
-0.6432

■ 12.3961, 21.2260,
8.0100

■ 38.7105, -11.6201,
-1.1006

■ 41.1926, -13.4723,
-1.5424

Harmonies

Analogous

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



21.0746, 5.5951, 0.2211



21.0741, 5.1788, 3.2576



21.0746, 3.0190, 5.3807

Triad

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



21.0746, 5.1780, 3.2580



21.0746, -5.9084, 4.6039



21.0746, -2.0694, -5.8175

Complementary

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



21.0741, 5.1788, 3.2576



25.4455, -6.5773, -0.3677

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.



21.0746, -4.9728, -4.2010



21.0741, 5.1788, 3.2576



21.0746, -7.0972, 2.0330

Square

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



21.0746, 5.1780, 3.2580



21.0746, -3.4195, 6.0696



21.0746, -6.7656, -1.2074



21.0746, 1.2707, -5.3534

Rectangle

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



21.0741, 5.1788, 3.2576



21.0746, 0.9518, 6.1480



21.0746, -6.7656, -1.2074



21.0746, -3.1256, -5.4913

Sweetspot

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



21.0746, 5.1780, 3.2580



32.8965, 0.8172, 2.6498



21.6718, 8.2333, -5.2079



16.7421, 0.5519, 1.3942



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



21.0746, 5.1780, 3.2580



26.0683, 9.2191, 4.9733



23.6294, 0.4735, 5.8114



13.0511, 0.2437, 1.0243



16.8076, 28.7808, 10.8606



40.9155, 70.0665, 26.4386

Inverse Universe

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



25.4455, -6.5773, -0.3677



33.2111, -10.0996, -0.9879



22.5537, -2.1433, -4.1147



13.7519, -1.6260, 0.4480



32.3426, -17.1448, -3.4146



78.7341, -41.7367, -8.3131

Previews

White Background



This preview shows how the HunterLab color 21.0741, 5.1788, 3.2576 looks on a white background.

Color Contrast Check

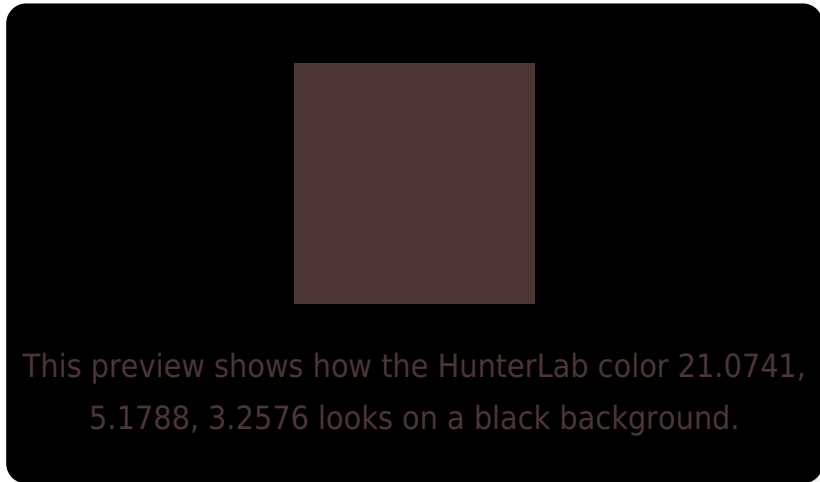
Large Text (above 18pt) WCAG AA ✓ Pass

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

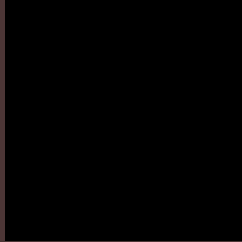
Any Text WCAG AA × Fail

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 21.0741, 5.1788, 3.2576 Background



This preview shows how black text looks on a background with the HunterLab color 21.0741, 5.1788, 3.2576.

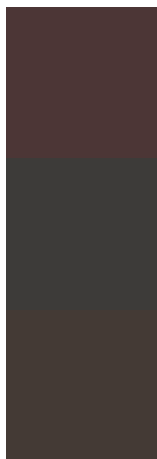


This preview shows how white text looks on a background with the HunterLab color 21.0741, 5.1788,

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

21.0741, 5.1788, 3.2576

Protanopia

21.0129, -0.8657, 2.0108

Deuteranopia

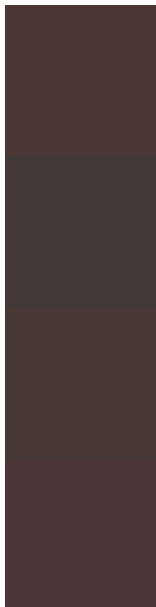
21.2417, 0.9742, 3.7049



Tritanopia

20.9480, 6.0940, 1.6849

Trichromacy



Original Color

21.0741, 5.1788, 3.2576

Protanomaly

20.9046, 1.1900, 2.2908

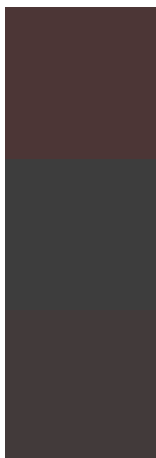
Deuteranomaly

21.2671, 2.2667, 3.7543

Tritanomaly

20.9239, 5.9703, 2.0292

Monochromacy



Original Color

21.0741, 5.1788, 3.2576

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.1893, 1.0255, 1.8739

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0741, 5.1788, 3.2576 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(76, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(76, 54, 54)  
}
```

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(76, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 54, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0741, 5.1788, 3.2576 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(76, 54, 54) }
```


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

```
.border{ border-color:rgb(76, 54, 54) }
```

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

Here you see how a box with a 4 pixel rgb(76, 54, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(76, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0741, 5.1788, 3.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 54, 54) }
```

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

```
.background{ background-color: rgb(76, 54,  
54) }
```

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