

Converting Colors

HunterLab(21.3719, 4.6393,
4.5618)

Have a look what the booklet for
HunterLab(21.3719, 4.6393, 4.5618)
contains.

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Color

**HunterLab(21.3288, 4.7228,
4.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3733
RGB	77, 55, 51
RGB Percent	30%, 22%, 20%
CMY	0.6980, 0.7843, 0.8000
CMYK	0.00, 0.29, 0.34, 0.70
HSL	9°, 20%, 25%
HSV	9°, 34%, 30%
XYZ	5.0243, 4.5492, 3.7452
YIQ	61.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

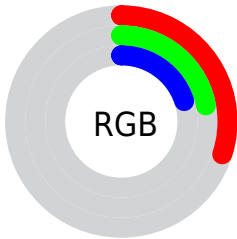
Format	Color
R_{YB}	77, 56, 51
Decimal	5060403
CIE _{Lab}	25.41, 9.16, 6.35
CIE _{LCh}	25, 11.147, 34.748
Yxy	4.5494, 0.3772, 0.3416
Android (android.graphics.Color)	4283250483 (0xFF4D3733)
YUV	61.1220, -4.9901, 13.9250
Hunter-Lab	21.3288, 4.7228, 4.5191




Details

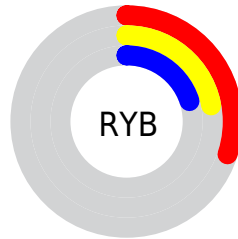
The HunterLab color **21.3288, 4.7228, 4.5191** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.5041, -5.8241, -1.9911**, and the grayscale version is **21.6579, -1.1556, 1.1767**.




A 20% lighter version of the original color is **38.5718, 4.9763, 6.4710**, and **7.7281, 4.6320, 3.7416** is the 20% darker color. If you saturate the color by 10%, you get **19.7697, 6.7481, 5.3588**, and if you desaturate by 10%, it is **22.9857, 2.7872, 3.6443**.

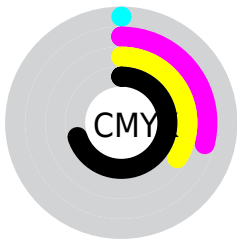
Distribution







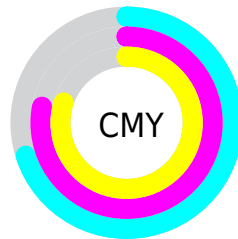
-  Red (30%)
-  Green (22%)
-  Blue (20%)






-  Red (30%)
-  Yellow (22%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (29%)
-  Yellow (34%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (78%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3288, 4.7228, 4.5191 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 21.3288, 4.7228, 4.5191 by changing the saturation by 10% instead.

■ 21.3288, 4.7228,
4.5191

■ 21.3288, 4.7228,
4.5191

■ 120.5751, 3.6444,
12.9294

■ 14.0904, 4.4345,
3.6075

■ 38.5190, 4.9636,
6.3098

■ 7.7393, 4.7434,
3.8241

■ 48.3009, 4.9550,
7.2114

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7939, 4.8758,
8.1245

0.0000, NaN, NaN

■ 69.9530, 4.7338,
9.0518

0.0000, NaN, NaN

■ 81.7404, 4.5353,
9.9952

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.1242, 4.2850,

107.0771, 3.9869,
11.9334

■ 21.3288, 4.7228,
4.5191

■ 21.3288, 4.7228,
4.5191

■ 19.7697, 6.7481,
5.3588

■ 22.9857, 2.7872,
3.6443

■ 18.3213, 8.8566,
6.1462

■ 24.7265, 0.9439,
2.7448

■ 17.0009, 11.0236,
6.8593

■ 26.5414, -0.8129,
1.8285

■ 15.8270, 13.2043,
7.4692

■ 28.4218, -2.4907,
0.9003

■ 14.8185, 15.3267,
7.9426

■ 30.3605, -4.0978,
-0.0366

■ 13.9868, 17.2661,
8.3365

■ 32.3516, -5.6422,
-0.9800

■ 13.5541, 18.2942,
8.6722

■ 34.3901, -7.1319,
-1.9289

■ 36.4716, -8.5738,
-2.8824

■ 38.5926, -9.9741,
-3.8403

Harmonies

Analogous

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



21.3293, 6.0462, 1.6880



21.3288, 4.7228, 4.5191



21.3293, 1.8306, 6.2090

Triad

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



21.3293, 4.7219, 4.5194



21.3293, -6.9311, 3.7330



21.3293, -0.5751, -6.3178

Complementary

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



21.3288, 4.7228, 4.5191



24.5041, -5.8241, -1.9911

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.



21.3293, -3.9550, -5.5342



21.3288, 4.7228, 4.5191



21.3293, -7.4837, 0.6202

Square

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



21.3293, 4.7219, 4.5194



21.3293, -4.8674, 5.8093



21.3293, -6.4287, -2.8516



21.3293, 2.8641, -4.8468

Rectangle

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



21.3288, 4.7228, 4.5191



21.3293, -0.5151, 6.6364



21.3293, -6.4287, -2.8516



21.3293, -1.7562, -6.3112

Sweetspot

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



21.3293, 4.7219, 4.5194



33.0093, 0.4381, 3.1716



21.0425, 9.4101, -4.6786



16.8299, 0.3153, 1.6726



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.



21.3293, 4.7219, 4.5194



26.0105, 8.4451, 6.8440



24.3701, -0.7568, 7.3835



13.1821, 0.0179, 1.1708



17.8508, 25.3621, 11.4436



42.3811, 65.1736, 27.2560

Inverse Universe

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



24.5041, -5.8241, -1.9911



31.1267, -8.6646, -3.6719



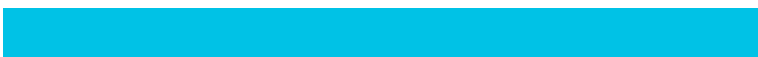
21.1705, -0.5739, -6.6284



13.6146, -1.4056, 0.2866



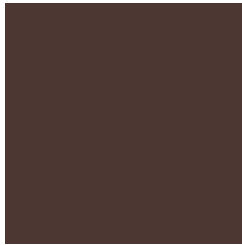
27.6822, -11.3659, -10.0647



66.5940, -26.6273, -25.7560

Previews

White Background



This preview shows how the HunterLab color 21.3288, 4.7228, 4.5191 looks on a white background.

Color Contrast Check

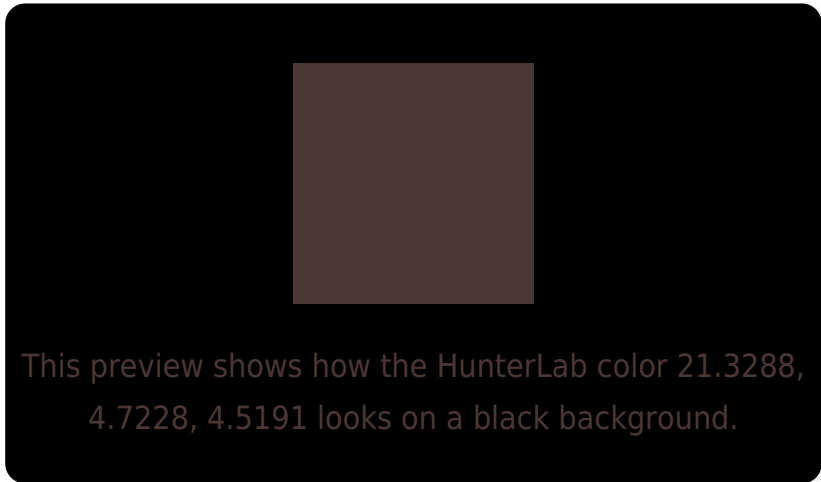
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3288, 4.7228, 4.5191 Background



This preview shows how black text looks on a background with the HunterLab color 21.3288, 4.7228, 4.5191.



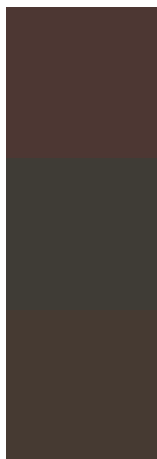
This preview shows how white text looks on a background with the HunterLab color 21.3288, 4.7228,

4.5191.

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

21.3288, 4.7228, 4.5191

Protanopia

21.3420, -1.1199, 3.4357

Deuteranopia

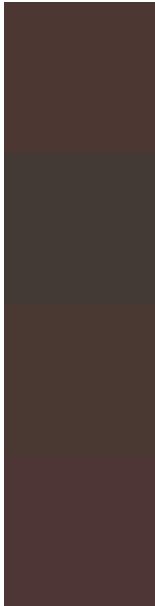
21.3506, 1.2161, 4.7976



Tritanopia

21.3624, 6.2730, 2.1632

Trichromacy



Original Color

21.3288, 4.7228, 4.5191

Protanomaly

21.2417, 0.9742, 3.7049

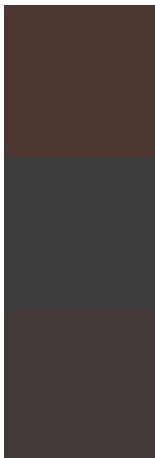
Deuteranomaly

21.3846, 2.5305, 4.8549

Tritanomaly

21.2929, 5.9157, 3.1598

Monochromacy



Original Color

21.3288, 4.7228, 4.5191

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.4863, 0.7570, 2.5716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3288, 4.7228, 4.5191 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(77, 55, 51)` looks like.

```
.text, #text, p{  
    color:rgb(77, 55, 51)  
}
```

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(77, 55, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 55, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3288, 4.7228, 4.5191 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(77, 55, 51) }
```


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

```
.border{ border-color:rgb(77, 55, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 55, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 55, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 55, 51);  
box-shadow:4px 4px 4px 4px rgb(77, 55, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3288, 4.7228, 4.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 55, 51) }
```

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

```
.background{ background-color: rgb(77, 55,  
51) }
```

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](#).

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