

Converting Colors

HunterLab(21.7887, 3.2604,
10.0884)

Have a look what the booklet for
HunterLab(21.7887, 3.2604,
10.0884) contains.

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Color

**HunterLab(21.8388, 3.3920,
10.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	51391E
RGB	81, 57, 30
RGB Percent	32%, 22%, 12%
CMY	0.6824, 0.7765, 0.8823
CMYK	0.00, 0.30, 0.63, 0.68
HSL	32°, 46%, 22%
HSV	32°, 63%, 32%
XYZ	5.0908, 4.7693, 1.8806
YIQ	61.0980, 22.9710, -3.3090

Conversions

Conversions Part 2

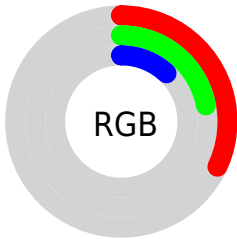
Format	Color
R_{YB}	75, 81, 30
Decimal	5323038
CIE Lab	26.07, 7.15, 20.83
CIE LCh	26, 22.025, 71.060
Yxy	4.7696, 0.4336, 0.4062
Android (android.graphics.Color)	4283513118 (0xFF51391E)
YUV	61.0980, -15.3313, 17.4541
Hunter-Lab	21.8388, 3.3920, 10.1816

Details

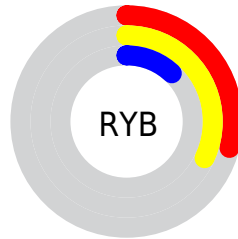
The HunterLab color **21.8388, 3.3920, 10.1816** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18.7304, -0.9508, -13.1165**, and the grayscale version is **21.6821, -1.1569, 1.1780**.

A 20% lighter version of the original color is **39.1333, 3.2940, 14.0862**, and **8.2567, 3.5055, 5.1491** is the 20% darker color. If you saturate the color by 10%, you get **20.9058, 4.5610, 10.8233**, and if you desaturate by 10%, it is **22.8201, 2.3323, 9.3159**.

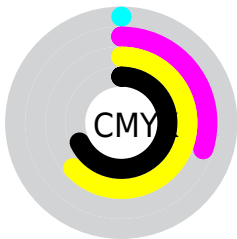
Distribution



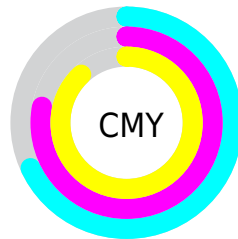
- Red (32%)
- Green (22%)
- Blue (12%)



- Red (29%)
- Yellow (32%)
- Blue (12%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (68%)



- Cyan (68%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8388, 3.3920, 10.1816 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 21.8388, 3.3920, 10.1816 by changing the saturation by 10% instead.

■ 21.8388, 3.3920,
10.1816

■ 21.8388, 3.3920,
10.1816

■ 121.4812, 1.3743,
26.2279

■ 14.5351, 3.2512,
8.2150

■ 39.1394, 3.3762,
14.2004

■ 8.1961, 3.3630,
5.7372

■ 48.9695, 3.2535,
16.0491

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5077, 3.0672,
17.8313

0.0000, NaN, NaN

■ 70.7091, 2.8240,
19.5653

0.0000, NaN, NaN

■ 82.5367, 2.5294,
21.2637

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9587, 2.1873,

22.9358


0.0000, NaN, NaN

 107.9482, 1.8014,
24.5888


 21.8388, 3.3920,
10.1816


 21.8388, 3.3920,
10.1816


 20.9058, 4.5610,
10.8233

 22.8201, 2.3323,
9.3159


 20.0225, 5.8402,
11.2306


 23.8451, 1.3841,
8.2387

 19.1892, 7.2066,
11.4446

 24.9114, 0.5432,
6.9649

 18.6246, 8.1684,
11.6194

 26.0162, -0.1949,
5.5095

 27.1569, -0.8355,
3.8871

■ 28.3311, -1.3846,
2.1117

■ 29.5365, -1.8481,
0.1963

■ 30.7710, -2.2319,
-1.8474

■ 32.0329, -2.5417,
-4.0085

Harmonies

Analogous

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



21.8393, 9.9749, 8.0542



21.8388, 3.3920, 10.1816



21.8393, -3.6966, 10.4105

Triad

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



21.8393, 3.3910, 10.1818



21.8393, -12.9004, -1.4213



21.8393, 8.4282, -10.8823

Complementary

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



21.8388, 3.3920, 10.1816



18.7304, -0.9508, -13.1165

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.



21.8393, 1.4843, -15.5460



21.8388, 3.3920, 10.1816



21.8393, -10.4430, -9.0420

Square

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



21.8393, 3.3910, 10.1818



21.8393, -12.5260, 4.9602



21.8393, -5.3783, -14.7826



21.8393, 13.1273, -3.4045

Rectangle

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



21.8388, 3.3920, 10.1816



21.8393, -7.7049, 9.5772



21.8393, -5.3783, -14.7826



21.8393, 6.2450, -12.9235

Sweetspot

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



21.8393, 3.3910, 10.1818



34.4209, -0.5443, 6.5093



17.1768, 17.1081, -1.4413



17.3997, -0.2008, 3.4967



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



21.8393, 3.3910, 10.1818



26.6086, 6.8750, 14.4555



27.7319, -6.7075, 14.3446



14.2910, -0.5575, 1.6301



23.9630, 11.3702, 14.9649



55.9422, 30.8832, 35.0120

Inverse Universe

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



18.7304, -0.9508, -13.1165



21.7170, 0.4518, -22.7668



13.4599, 9.7332, -25.8262



14.0512, -0.9172, -0.1327



17.9547, 4.6998, -32.5873



40.9963, 15.6055, -84.9296

Previews

White Background



This preview shows how the HunterLab color 21.8388, 3.3920, 10.1816 looks on a white background.

Color Contrast Check

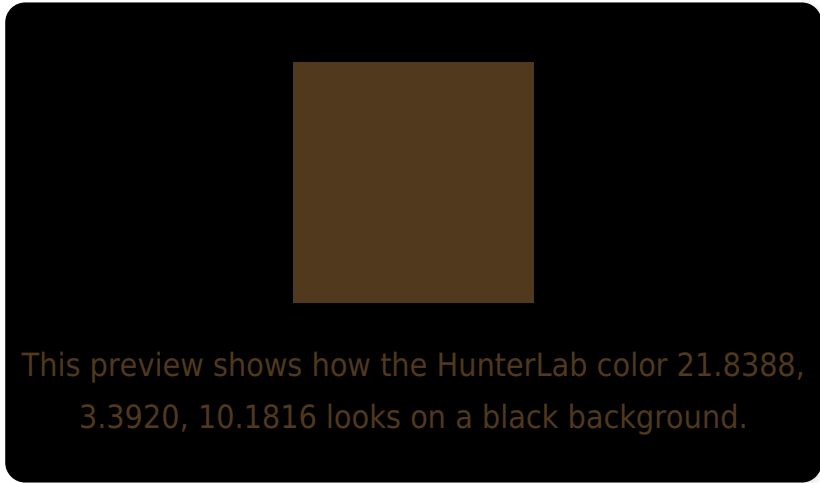
Large Text (above 18pt) WCAG AA ✓ Pass

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

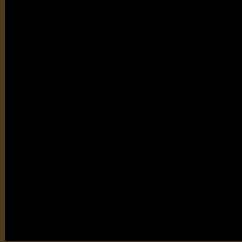
Any Text WCAG AA × Fail

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 21.8388, 3.3920, 10.1816 Background



This preview shows how black text looks on a background with the HunterLab color 21.8388, 3.3920, 10.1816.

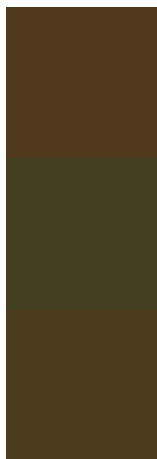


This preview shows how white text looks on a background with the HunterLab color 21.8388, 3.3920,

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

21.8388, 3.3920, 10.1816

Protanopia

21.8597, -2.5930, 9.7181

Deuteranopia

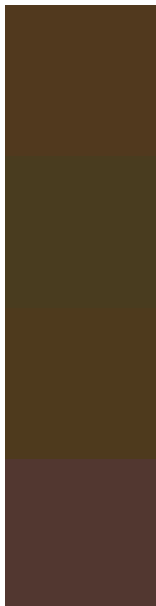
21.8962, 1.1893, 10.3656



Tritanopia

21.8697, 7.8447, 2.7610

Trichromacy



Original Color

21.8388, 3.3920, 10.1816

Protanomaly

21.7879, -0.3539, 9.8918

Deuteranomaly

21.7590, 1.9280, 10.2742

Tritanomaly

21.7707, 6.0073, 5.9047

Monochromacy



Original Color

21.8388, 3.3920, 10.1816

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.6586, -0.1936, 5.0819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8388, 3.3920, 10.1816 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(81, 57, 30)` looks like.

```
.text, #text, p{  
    color:rgb(81, 57, 30)  
}
```

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(81, 57, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 57, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8388, 3.3920, 10.1816 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(81, 57, 30) }
```


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

```
.border{ border-color:rgb(81, 57, 30) }
```

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

Here you see how a box with a 4 pixel rgb(81, 57, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 57, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 57, 30);  
box-shadow:4px 4px 4px 4px rgb(81, 57, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8388, 3.3920, 10.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 57, 30) }
```

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

```
.background{ background-color: rgb(81, 57,  
30) }
```

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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