

Converting Colors

HunterLab(18.4535, 12.5127,
3.6221)

Have a look what the booklet for
HunterLab(18.4535, 12.5127,
3.6221) contains.

HunterLab(18.5320, 12.6357, 3.6978)	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(18.5320, 12.6357,
3.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	52272D
RGB	82, 39, 45
RGB Percent	32%, 15%, 18%
CMY	0.6784, 0.8470, 0.8235
CMYK	0.00, 0.52, 0.45, 0.68
HSL	352°, 36%, 24%
HSV	352°, 52%, 32%
XYZ	4.6789, 3.4344, 2.8989
YIQ	52.5410, 23.7020, 10.9820

Conversions

Conversions Part 2

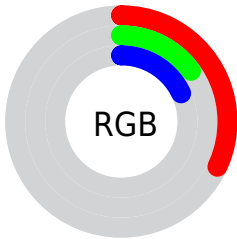
Format	Color
RYB	82, 39, 45
Decimal	5383981
CIELab	21.71, 20.72, 5.29
CIElCh	22, 21.386, 14.322
Yxy	3.4345, 0.4249, 0.3119
Android (android.graphics.Color)	4283574061 (0xFF52272D)
YUV	52.5410, -3.7177, 25.8355
Hunter-Lab	18.5320, 12.6357, 3.6978

Details

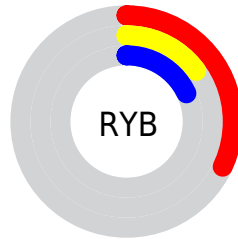
The HunterLab color **18.5320, 12.6357, 3.6978** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26.4345, -11.4260, 0.7520**, and the grayscale version is **18.7203, -0.9989, 1.0171**.

A 20% lighter version of the original color is **34.9841, 14.3416, 5.0341**, and **6.4193, 10.9932, 4.1480** is the 20% darker color. If you saturate the color by 10%, you get **17.0386, 15.3716, 4.4037**, and if you desaturate by 10%, it is **20.2276, 9.8313, 3.0940**.

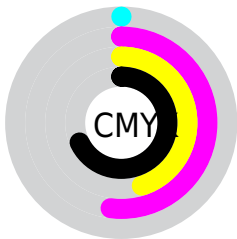
Distribution



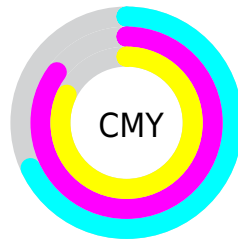
- Red (32%)
- Green (15%)
- Blue (18%)



- Red (32%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (45%)
- Black (68%)



- Cyan (68%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5320, 12.6357, 3.6978 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 18.5320, 12.6357, 3.6978 by changing the saturation by 10% instead.

■ 18.5320, 12.6357,
3.6978

■ 18.5320, 12.6357,
3.6978

■ 115.5131, 16.8059,
11.5345

■ 11.6729, 11.5774,
2.8719

■ 35.0871, 14.2772,
5.3343

■ 4.3462, 20.5430,
3.0423

■ 44.5919, 14.9046,
6.1662

0.0000, NaN, NaN

■ 54.8273, 15.4258,
7.0137

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7444, 15.8535,
7.8789

0.0000, NaN, NaN

■ 77.3031, 16.1980,
8.7631

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4694, 16.4673,

102.2145, 16.6681,
10.5907

18.5320, 12.6357,
3.6978

18.5320, 12.6357,
3.6978

17.0386, 15.3716,
4.4037

20.2276, 9.8313,
3.0940

15.7776, 17.9160,
5.1933

22.0943, 7.0413,
2.5930

14.7787, 20.0984,
6.0283

24.1067, 4.3074,
2.1887

14.0295, 21.8427,
6.8248

26.2434, 1.6480,
1.8706

13.4871, 23.2839,
7.2673

28.4867, -0.9329,
1.6273

■ 30.8225, -3.4388,
1.4484

■ 33.2393, -5.8770,
1.3242

■ 35.7277, -8.2558,
1.2468

■ 38.2801, -10.5836,
1.2093

Harmonies

Analogous

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



18.5325, 12.5379, -2.4740



18.5320, 12.6357, 3.6978



18.5325, 8.7521, 7.5073

Triad

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



18.5325, 12.6346, 3.6982



18.5325, -8.8889, 7.6238



18.5325, -4.2261, -14.3393

Complementary

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



18.5320, 12.6357, 3.6978



26.4345, -11.4260, 0.7520

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.



18.5325, -9.0599, -9.2818



18.5320, 12.6357, 3.6978



18.5325, -11.4898, 3.9242

Square

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



18.5325, 12.6346, 3.6982



18.5325, -3.9612, 9.1899



18.5325, -11.5478, -2.1559



18.5325, 2.1814, -14.4650

Rectangle

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



18.5320, 12.6357, 3.6978



18.5325, 4.7009, 8.8067



18.5325, -11.5478, -2.1559



18.5325, -6.0673, -13.0986

Sweetspot

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



18.5325, 12.6346, 3.6982



33.4921, 3.6168, 2.6325



18.9171, 15.9004, -13.0842



16.4771, 1.9811, 1.3289



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.



18.5325, 12.6346, 3.6982



22.0151, 21.2862, 6.1011



21.4091, 5.6185, 7.9742



13.8148, 0.3463, 0.9044



17.3476, 29.9003, 9.7210



41.5578, 71.4247, 24.8709

Inverse Universe

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



18.5325, 12.6346, 3.6982



22.0151, 21.2862, 6.1011



22.4701, -4.6553, -7.2986



13.8148, 0.3463, 0.9044



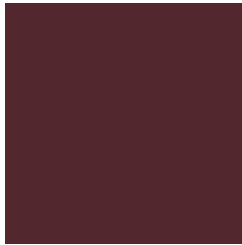
17.3476, 29.9003, 9.7210



41.5578, 71.4247, 24.8709

Previews

White Background



This preview shows how the HunterLab color 18.5320, 12.6357, 3.6978 looks on a white background.

Color Contrast Check

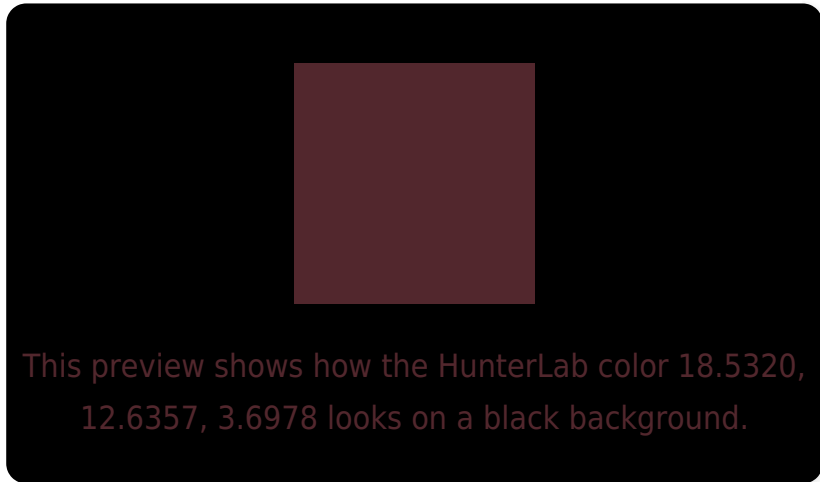
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5320, 12.6357, 3.6978 Background



This preview shows how black text looks on a background with the HunterLab color 18.5320, 12.6357, 3.6978.

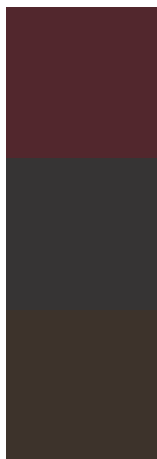


This preview shows how white text looks on a background with the HunterLab color 18.5320, 12.6357,

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

18.5320, 12.6357, 3.6978

Protanopia

18.6767, -0.4840, 1.1865

Deuteranopia

18.7994, 0.7545, 4.3892



Tritanopia

18.4717, 12.3496, 4.5674

Trichromacy



Original Color

18.5320, 12.6357, 3.6978

Protanomaly

18.2887, 3.9632, 1.9187

Deuteranomaly

18.6550, 4.9137, 4.0078

Tritanomaly

18.4913, 12.4428, 4.2840

Monochromacy



Original Color

18.5320, 12.6357, 3.6978

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.5315, 3.6620, 1.8286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5320, 12.6357, 3.6978 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(82, 39, 45)` looks like.

```
.text, #text, p{  
    color:rgb(82, 39, 45)  
}
```

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(82, 39, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 39, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5320, 12.6357, 3.6978 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(82, 39, 45) }
```


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

```
.border{ border-color:rgb(82, 39, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 39, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 39, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 39, 45);  
box-shadow:4px 4px 4px 4px rgb(82, 39, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5320, 12.6357, 3.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 39, 45) }
```

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

```
.background{ background-color: rgb(82, 39,  
45) }
```

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