

Converting Colors

HunterLab(19.6620, 11.5516,
12.3178)

Have a look what the booklet for
HunterLab(19.6620, 11.5516,
12.3178) contains.

HunterLab(19.7520, 11.3452, 12.3697)	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(19.7520, 11.3452,
12.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2B00
RGB	90, 43, 0
RGB Percent	35%, 17%, 0%
CMY	0.6471, 0.8314, 1.0000
CMYK	0.00, 0.52, 1.00, 0.65
HSL	29°, 100%, 18%
HSV	29°, 100%, 35%
XYZ	5.0803, 3.9014, 0.4853
YIQ	52.1510, 41.8150, -3.4090

Conversions

Conversions Part 2

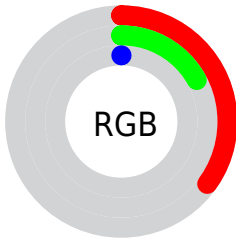
Format	Color
RYB	90, 82, 0
Decimal	5909248
CIELab	23.34, 18.76, 33.31
CIELCh	23, 38.226, 60.606
Yxy	3.9016, 0.5366, 0.4121
Android (android.graphics.Color)	4284099328 (0xFF5A2B00)
YUV	52.1510, -25.7104, 33.1936
Hunter-Lab	19.7520, 11.3452, 12.3697

Details

The HunterLab color **19.7520, 11.3452, 12.3697** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16.6464, 1.5569, -24.1671**, and the grayscale version is **18.6563, -0.9955, 1.0136**.

A 20% lighter version of the original color is **36.5646, 12.9608, 18.3971**, and **6.5676, 11.2472, 4.2438** is the 20% darker color. If you saturate the color by 10%, you get **19.7524, 11.3440, 12.3699**, and if you desaturate by 10%, it is **20.6955, 9.5867, 12.1798**.

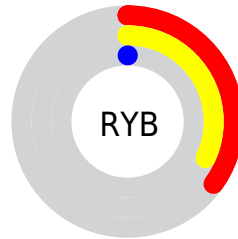
Distribution



Red (35%)

Green (17%)

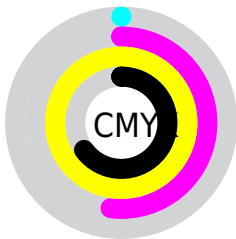
Blue (0%)



Red (35%)

Yellow (32%)

Blue (0%)

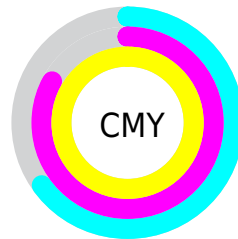


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7520, 11.3452, 12.3697 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 19.7520, 11.3452, 12.3697 by changing the saturation by 10% instead.

■ 19.7520, 11.3452,
12.3697

■ 19.7520, 11.3452,
12.3697

■ 117.7416, 14.5650,
35.6317

■ 12.7228, 10.4217,
8.9059

■ 36.5909, 12.7326,
18.3653

■ 6.0840, 13.1128,
4.2588

■ 46.2191, 13.2443,
21.1501

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5692, 13.6565,
23.7854

0.0000, NaN, NaN

■ 67.5939, 13.9810,
26.3047

0.0000, NaN, NaN

■ 79.2542, 14.2272,
28.7327


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.5172, 14.4027,


31.0877

0.0000, NaN, NaN


 104.3545, 14.5136,
33.3837

 19.7520, 11.3452,
12.3697


 19.7520, 11.3452,
12.3697


 19.7524, 11.3440,
12.3699

 20.6955, 9.5867,
12.1798

 21.7011, 7.8518,
11.9460

 22.7797, 6.2298,
11.4468

 23.9265, 4.7315,
10.6901

 25.1365, 3.3604,
9.6918

■ 26.4048, 2.1155,
8.4707

■ 27.7269, 0.9928,
7.0464

■ 29.0985, -0.0136,
5.4378

■ 30.5158, -0.9108,
3.6626

Harmonies

Analogous

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



19.7525, 22.4788, 9.2030



19.7520, 11.3452, 12.3697



19.7525, -1.2941, 13.4022

Triad

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



19.7525, 11.3438, 12.3699



19.7525, -18.9918, 0.8459



19.7525, 11.8577, -27.9337

Complementary

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



19.7520, 11.3452, 12.3697



16.6464, 1.5569, -24.1671

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.



19.7525, -0.8148, -34.9100



19.7520, 11.3452, 12.3697



19.7525, -17.0205, -13.3507

Square

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



19.7525, 11.3438, 12.3699



19.7525, -17.1757, 8.9993



19.7525, -10.9926, -28.4384



19.7525, 22.8211, -12.7020

Rectangle

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



19.7520, 11.3452, 12.3697



19.7525, -8.4146, 12.8894



19.7525, -10.9926, -28.4384



19.7525, 7.5700, -31.6185

Sweetspot

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



19.7525, 11.3438, 12.3699



36.5005, 1.4508, 9.5145



15.4501, 27.8396, -0.7233



17.7184, 0.8982, 4.9282



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



19.7525, 11.3438, 12.3699



25.7597, 15.8506, 16.1505



29.9833, -7.0792, 18.3516



15.8283, -0.5195, 1.7795



24.0493, 14.5640, 15.0740



54.6904, 37.8318, 34.3623

Inverse Universe

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



16.6464, 1.5569, -24.1671



21.5777, 2.8635, -33.1517



8.9629, 21.7168, -58.0828



15.6649, -1.1159, -0.1109



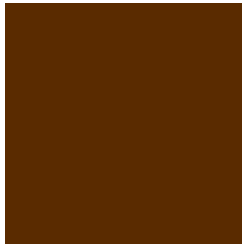
20.1743, 2.4875, -30.5860



45.2746, 9.4598, -77.0103

Previews

White Background



This preview shows how the HunterLab color 19.7520, 11.3452, 12.3697 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

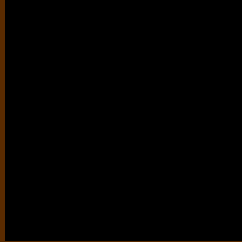
Any Text WCAG AA × Fail

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 19.7520, 11.3452, 12.3697 Background



This preview shows how black text looks on a background with the HunterLab color 19.7520, 11.3452, 12.3697.



This preview shows how white text looks on a background with the HunterLab color 19.7520, 11.3452,

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

19.7520, 11.3452, 12.3697

Protanopia

20.0843, -2.9629, 11.6458

Deuteranopia

20.0401, 0.4841, 12.3571



Tritanopia

19.7893, 15.0622, 5.6102

Trichromacy



Original Color

19.7520, 11.3452, 12.3697

Protanomaly

19.7064, 1.7733, 11.7420

Deuteranomaly

19.8582, 4.4845, 12.3150

Tritanomaly

19.7209, 13.5068, 9.2710

Monochromacy



Original Color

19.7520, 11.3452, 12.3697

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.6137, 2.1370, 6.9239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7520, 11.3452, 12.3697 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(90, 43, 0)` looks like.

```
.text, #text, p{  
    color:rgb(90, 43, 0)  
}
```

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(90, 43, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 43, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7520, 11.3452, 12.3697 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(90, 43, 0) }
```


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

```
.border{ border-color:rgb(90, 43, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 43, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 43, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 43, 0); box-shadow:4px  
4px 4px 4px rgb(90, 43, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.7520, 11.3452, 12.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 43, 0) }
```

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

```
.background{ background-color: rgb(90, 43,  
0) }
```

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