

Converting Colors

HunterLab(21.0461, 12.6464,
13.5643)

Have a look what the booklet for
HunterLab(21.0461, 12.6464,
13.5643) contains.

HunterLab(21.0194, 13.0492, 13.1805)	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(21.0194, 13.0492,
13.1805)**

Conversions

Conversions Part 1

Format	Color
Hex	612D00
RGB	97, 45, 0
RGB Percent	38%, 18%, 0%
CMY	0.6196, 0.8235, 1.0000
CMYK	0.00, 0.54, 1.00, 0.62
HSL	28°, 100%, 19%
HSV	28°, 100%, 38%
XYZ	5.8681, 4.4182, 0.5435
YIQ	55.4180, 45.4370, -2.9710

Conversions

Conversions Part 2

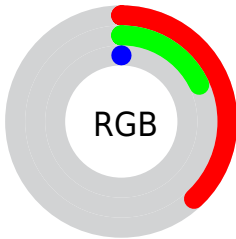
Format	Color
RYB	97, 84, 0
Decimal	6368512
CIELab	25.01, 20.85, 35.34
CIELCh	25, 41.038, 59.457
Yxy	4.4184, 0.5418, 0.4080
Android (android.graphics.Color)	4284558592 (0xFF612D00)
YUV	55.4180, -27.3211, 36.4674
Hunter-Lab	21.0194, 13.0492, 13.1805

Details

The HunterLab color **21.0194, 13.0492, 13.1805** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18.2176, 1.2914, -25.5579**, and the grayscale version is **19.7677, -1.0548, 1.0740**.

A 20% lighter version of the original color is **38.2622, 14.6700, 19.5008**, and **7.4645, 12.0357, 4.8103** is the 20% darker color. If you saturate the color by 10%, you get **21.0199, 13.0479, 13.1808**, and if you desaturate by 10%, it is **22.0482, 11.0611, 13.0305**.

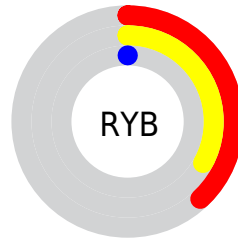
Distribution



Red (38%)

Green (18%)

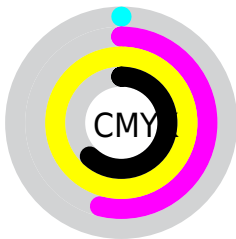
Blue (0%)



Red (38%)

Yellow (33%)

Blue (0%)

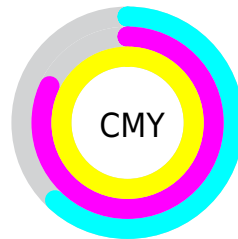


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0194, 13.0492, 13.1805 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 21.0194, 13.0492, 13.1805 by changing the saturation by 10% instead.

■ 21.0194, 13.0492,
13.1805

■ 21.0194, 13.0492,
13.1805

■ 120.0231, 16.9939,
37.5109

■ 13.8212, 12.0397,
9.6748

■ 38.1421, 14.6119,
19.4911

■ 7.4467, 12.1734,
5.2127

■ 47.8942, 15.2091,
22.3983

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.3597, 15.7044,
25.1508

0.0000, NaN, NaN

■ 69.4928, 16.1097,
27.7822

0.0000, NaN, NaN

■ 81.2556, 16.4342,
30.3172

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.6161, 16.6858,


32.7746


0.0000, NaN, NaN


 106.5466, 16.8706,
35.1687

 21.0194, 13.0492,
13.1805


 21.0194, 13.0492,
13.1805

 21.0199, 13.0479,
13.1808

 22.0482, 11.0611,
13.0305

 23.1529, 9.1025,
12.8020

 24.3429, 7.2650,
12.2800

 25.6122, 5.5619,
11.4761

 26.9548, 3.9985,
10.4088

■ 28.3647, 2.5743,
9.0998

■ 29.8365, 1.2850,
7.5716

■ 31.3650, 0.1241,
5.8456

■ 32.9457, -0.9164,
3.9418

Harmonies

Analogous

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



21.0200, 25.1714, 9.7628



21.0194, 13.0492, 13.1805



21.0200, -0.8868, 14.3033

Triad

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



21.0200, 13.0476, 13.1807



21.0200, -20.6402, 1.3669



21.0200, 12.5398, -31.5785

Complementary

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



21.0194, 13.0492, 13.1805



18.2176, 1.2914, -25.5579

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.



21.0200, -1.3576, -38.8486



21.0194, 13.0492, 13.1805



21.0200, -18.6728, -14.1076

Square

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



21.0200, 13.0476, 13.1807



21.0200, -18.5225, 9.9582



21.0200, -12.3146, -31.0729



21.0200, 24.8319, -14.7532

Rectangle

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



21.0194, 13.0492, 13.1805



21.0200, -8.7731, 13.8415



21.0200, -12.3146, -31.0729



21.0200, 7.8073, -35.5512

Sweetspot

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



21.0200, 13.0476, 13.1807



38.8919, 1.8231, 10.0986



16.7382, 30.2192, -1.2379



19.0979, 1.1458, 5.3320



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



21.0200, 13.0476, 13.1807



27.1649, 17.9195, 17.0526



31.9712, -6.9864, 19.5782



16.6156, -0.5146, 1.8648



24.3285, 15.6668, 15.2654



54.6692, 39.9629, 34.3865

Inverse Universe

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



18.2176, 1.2914, -25.5579



23.4335, 2.4437, -34.5651



9.8406, 22.8721, -61.6738



16.4734, -1.2022, -0.1107



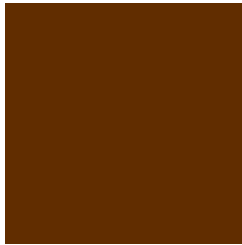
21.0268, 1.9075, -30.3993



46.7337, 7.8490, -75.3567

Previews

White Background



This preview shows how the HunterLab color 21.0194, 13.0492, 13.1805 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

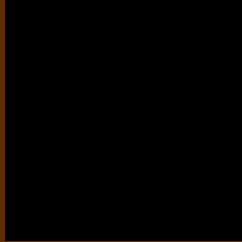
Any Text WCAG AA × Fail

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 21.0194, 13.0492, 13.1805 Background



This preview shows how black text looks on a background with the HunterLab color 21.0194, 13.0492, 13.1805.



This preview shows how white text looks on a background with the HunterLab color 21.0194, 13.0492,

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

21.0194, 13.0492, 13.1805

Protanopia

21.4153, -3.2864, 12.4230

Deuteranopia

21.1252, 0.5777, 13.0274



Tritanopia

21.0762, 16.8002, 6.2972

Trichromacy



Original Color

21.0194, 13.0492, 13.1805

Protanomaly

20.9947, 2.5689, 12.4953

Deuteranomaly

21.0500, 4.9617, 13.0578

Tritanomaly

21.0075, 15.2610, 9.9312

Monochromacy



Original Color

21.0194, 13.0492, 13.1805

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.4707, 2.7157, 7.2033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0194, 13.0492, 13.1805 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(97, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 45, 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(97, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 45, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0194, 13.0492, 13.1805 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(97, 45, 0) }
```


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

```
.border{ border-color:rgb(97, 45, 0) }
```

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

Here you see how a box with a 4 pixel rgb(97, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 45, 0); box-shadow:4px  
4px 4px 4px rgb(97, 45, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0194, 13.0492, 13.1805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 45, 0) }
```

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

```
.background{ background-color: rgb(97, 45,  
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