

Converting Colors

HunterLab(21.1952, 16.0770,
13.3419)

Have a look what the booklet for
HunterLab(21.1952, 16.0770,
13.3419) contains.

HunterLab(21.1677, 16.1452, 13.3261)	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>	30

Color

**HunterLab(21.1677, 16.1452,
13.3261)**

Conversions

Conversions Part 1

Format	Color
Hex	662A00
RGB	102, 42, 0
RGB Percent	40%, 16%, 0%
CMY	0.6000, 0.8353, 1.0000
CMYK	0.00, 0.59, 1.00, 0.60
HSL	25°, 100%, 20%
HSV	25°, 100%, 40%
XYZ	6.3075, 4.4807, 0.5324
YIQ	55.1520, 49.2420, -0.3420

Conversions

Conversions Part 2

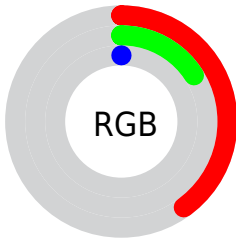
Format	Color
RYB	102, 71, 0
Decimal	6695424
CIELab	25.20, 24.84, 35.83
CIELCh	25, 43.601, 55.273
Yxy	4.4810, 0.5572, 0.3958
Android (android.graphics.Color)	4284885504 (0xFF662A00)
YUV	55.1520, -27.1899, 41.0857
Hunter-Lab	21.1677, 16.1452, 13.3261

Details

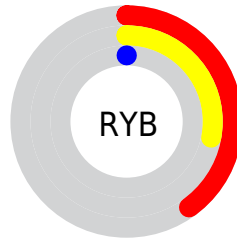
The HunterLab color **21.1677, 16.1452, 13.3261** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.4711, -0.8245, -23.8072**, and the grayscale version is **19.6759, -1.0499, 1.0690**.

A 20% lighter version of the original color is **38.2349, 17.9904, 19.7049**, and **7.9270, 13.5753, 5.1223** is the 20% darker color. If you saturate the color by 10%, you get **21.1682, 16.1437, 13.3264**, and if you desaturate by 10%, it is **22.2740, 13.8512, 13.1879**.

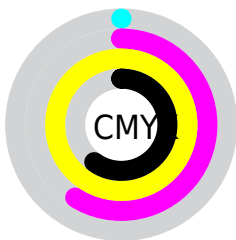
Distribution



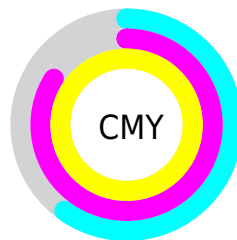
- Red (40%)
- Green (16%)
- Blue (0%)



- Red (40%)
- Yellow (28%)
- Blue (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (100%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1677, 16.1452, 13.3261 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 21.1677, 16.1452, 13.3261 by changing the saturation by 10% instead.

■ 21.1677, 16.1452,
13.3261

■ 21.1677, 16.1452,
13.3261

■ 120.2880, 21.6629,
37.9145

■ 13.9502, 14.9386,
9.7651

■ 38.3229, 18.1016,
19.7005

■ 7.5886, 14.8002,
5.3120

■ 48.0893, 18.8865,
22.6404

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.5681, 19.5625,
25.4238

0.0000, NaN, NaN

■ 69.7136, 20.1416,
28.0841

0.0000, NaN, NaN

■ 81.4882, 20.6337,
30.6465

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.8599, 21.0470,


33.1298


0.0000, NaN, NaN


 106.8012, 21.3881,
35.5487

 21.1677, 16.1452,
13.3261


 21.1677, 16.1452,
13.3261

 21.1682, 16.1437,
13.3264

 22.2740, 13.8512,
13.1879

 23.4847, 11.5640,
12.9552

 24.8065, 9.3875,
12.4171

 26.2301, 7.3448,
11.5907

 27.7467, 5.4469,
10.5001

■ 29.3477, 3.6962,
9.1720

■ 31.0253, 2.0893,
7.6329

■ 32.7725, 0.6195,
5.9071

■ 34.5830, -0.7220,
4.0165

Harmonies

Analogous

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



21.1683, 28.4924, 9.3260



21.1677, 16.1452, 13.3261



21.1683, 1.0934, 14.8178

Triad

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



21.1683, 16.1435, 13.3263



21.1683, -21.5683, 3.1226



21.1683, 11.3877, -36.5674

Complementary

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



21.1677, 16.1452, 13.3261



20.4711, -0.8245, -23.8072

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.



21.1683, -3.2664, -42.3918



21.1677, 16.1452, 13.3261



21.1683, -20.1329, -12.6517

Square

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



21.1683, 16.1435, 13.3263



21.1683, -18.7790, 11.0587



21.1683, -14.1899, -31.7150



21.1683, 25.2912, -18.7779

Rectangle

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



21.1677, 16.1452, 13.3261



21.1683, -7.6577, 14.5456



21.1683, -14.1899, -31.7150



21.1683, 6.2978, -40.3308

Sweetspot

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



21.1683, 16.1435, 13.3263



40.8919, 2.9430, 10.2942



17.7873, 32.3672, -3.2834



19.5405, 1.7261, 5.3009



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.1683, 16.1435, 13.3263



27.6568, 22.3201, 17.4328



32.3178, -5.2490, 19.8221



17.3614, -0.4289, 1.8987



23.8355, 18.6786, 15.0143



52.9052, 46.5509, 33.4149

Inverse Universe

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



20.4711, -0.8245, -23.8072



26.7031, -0.4053, -32.5017



10.8662, 22.1994, -61.5036



17.3372, -1.3691, -0.0516



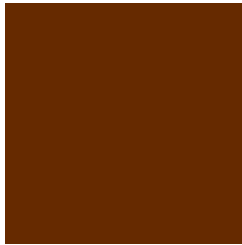
23.0339, -0.6561, -27.3741



50.9102, 1.4047, -66.6657

Previews

White Background



This preview shows how the HunterLab color 21.1677, 16.1452, 13.3261 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



This preview shows how the HunterLab color 21.1677, 16.1452, 13.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

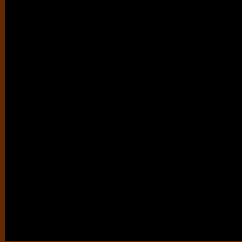
Any Text WCAG AA × Fail

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 21.1677, 16.1452, 13.3261 Background



This preview shows how black text looks on a background with the HunterLab color 21.1677, 16.1452, 13.3261.



This preview shows how white text looks on a background with the HunterLab color 21.1677, 16.1452,

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

21.1677, 16.1452, 13.3261

Protanopia

21.5049, -2.9563, 12.4078

Tritanopia

21.2174, 19.5470, 7.2951

Trichromacy



Original Color

21.1677, 16.1452, 13.3261

Protanomaly

20.9781, 3.6661, 12.5038

Tritanomaly

21.1667, 18.1961, 10.4569

Monochromacy



Original Color

21.1677, 16.1452, 13.3261

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.4429, 3.7670, 7.1976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1677, 16.1452, 13.3261 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(102, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 42, 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(102, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 42, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1677, 16.1452, 13.3261 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(102, 42, 0) }
```

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

```
.border{ border-color:rgb(102, 42, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 42, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 42, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 21.1677, 16.1452, 13.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 42, 0) }
```

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

```
.background{ background-color: rgb(102, 42,  
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