

Converting Colors

HunterLab(19.8850, -18.1299,
8.0803)

Have a look what the booklet for
HunterLab(19.8850, -18.1299,
8.0803) contains.

HunterLab(20.5747, -15.9262, 8.6636)	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(20.5747,
-15.9262, 8.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	00441F
RGB	0, 68, 31
RGB Percent	0%, 27%, 12%
CMY	1.0000, 0.7333, 0.8784
CMYK	1.00, 0.00, 0.54, 0.73
HSL	147°, 100%, 13%
HSV	147°, 100%, 27%
XYZ	2.3145, 4.2332, 1.9914
YIQ	43.4500, -28.6510, -25.9230

Conversions

Conversions Part 2

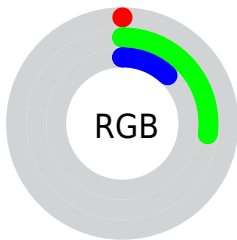
Format	Color
RYB	0, 47, 68
Decimal	17439
CIELab	24.43, -29.33, 17.01
CIELCh	24, 33.908, 149.894
Yxy	4.2334, 0.2710, 0.4957
Android (android.graphics.Color)	4278207519 (0xFF00441F)
YUV	43.4500, -6.1378, -38.1056
Hunter-Lab	20.5747, -15.9262, 8.6636

Details

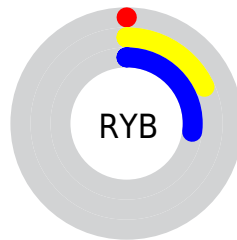
The HunterLab color **20.5747, -15.9262, 8.6636** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.6731, 21.1341, -1.3278**, and the grayscale version is **15.7167, -0.8386, 0.8539**.

A 20% lighter version of the original color is **37.6084, -21.1488, 12.0245**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.5751, -15.9266, 8.6639**, and if you desaturate by 10%, it is **20.7313, -15.1738, 8.0276**.

Distribution



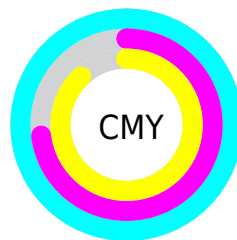
- Red (0%)
- Green (27%)
- Blue (12%)



- Red (0%)
- Yellow (18%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5747, -15.9262, 8.6636 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 20.5747, -15.9262, 8.6636 by changing the saturation by 10% instead.

■ 20.5747, -15.9262,
8.6636

■ 20.5747, -15.9262,
8.6636

■ 119.2260,
-36.4079, 22.6669

■ 13.4348, -12.8539,
6.9769

■ 37.5988, -21.2243,
12.0992

■ 7.0018, -12.2531,
4.9012

■ 47.3080, -23.6181,
13.6950

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7334, -25.9033,
15.2437

0.0000, NaN, NaN

■ 68.8288, -28.1066,
16.7599

0.0000, NaN, NaN

■ 80.5559, -30.2466,
18.2539


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.8825, -32.3371,


19.7330


0.0000, NaN, NaN


 105.7806,
-34.3882, 21.2026


 20.5747, -15.9262,
8.6636


 20.5747, -15.9262,
8.6636


 20.5751, -15.9266,
8.6639

 20.7313, -15.1738,
8.0276

 20.8978, -14.3753,
7.3261

 21.1075, -13.3974,
6.5921

 21.3679, -12.2177,
5.8377

 21.6807, -10.8379,
5.0709

■ 22.0469, -9.2648,
4.2996

■ 22.4669, -7.5087,
3.5311

■ 22.9402, -5.5828,
2.7722

■ 23.4661, -3.5020,
2.0288

Harmonies

Analogous

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



20.5751, -10.3018, 11.8398



20.5747, -15.9262, 8.6636



20.5751, -17.7684, 1.1559

Triad

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



20.5751, -15.9264, 8.6637



20.5751, -1.1368, -29.2234



20.5751, 19.7152, 8.6280

Complementary

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



20.5747, -15.9262, 8.6636



11.6731, 21.1341, -1.3278

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.



20.5751, 23.5008, 1.0839



20.5747, -15.9262, 8.6636



20.5751, 10.0737, -23.7694

Square

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



20.5751, -15.9264, 8.6637



20.5751, -10.3552, -23.6967



20.5751, 19.6635, -11.1691



20.5751, 10.1527, 11.8271

Rectangle

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



20.5747, -15.9262, 8.6636



20.5751, -16.9682, -6.6282



20.5751, 19.6635, -11.1691



20.5751, 21.7824, 6.6844

Sweetspot

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



20.5751, -15.9264, 8.6637



29.5460, -10.2077, 4.7841



21.2960, -13.4246, 12.8873



15.3164, -5.5582, 2.5942



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



20.5751, -15.9264, 8.6637



27.1005, -21.1584, 11.8016



21.2402, -11.8760, -0.9113



12.1259, -1.6337, 0.9873



29.5196, -23.0980, 12.9649



73.8186, -58.6313, 34.3014

Inverse Universe

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



11.6731, 21.1341, -1.3278



15.3438, 27.6979, -1.1025



11.1197, 19.1091, 6.6656



11.6119, 0.4001, 0.3156



16.7045, 30.1307, -1.0168



41.6160, 74.6511, 0.6716

Previews

White Background



This preview shows how the HunterLab color 20.5747, -15.9262, 8.6636 looks on a white background.

Color Contrast Check

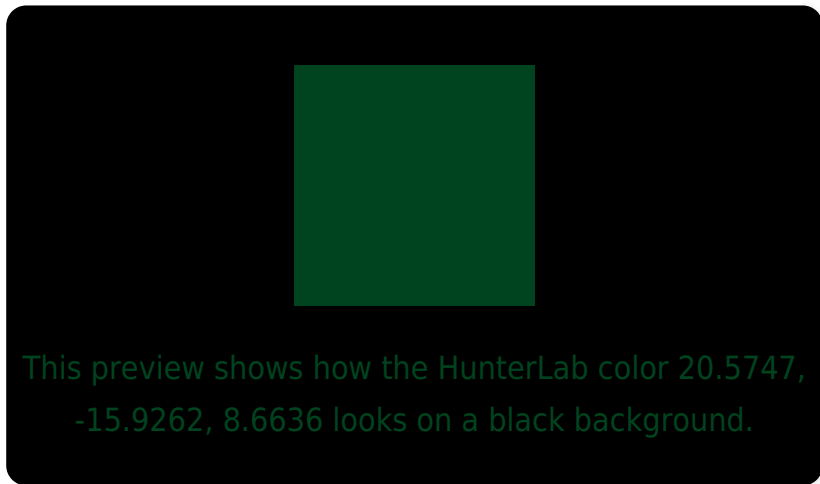
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5747, -15.9262, 8.6636 Background



This preview shows how black text looks on a background with the HunterLab color 20.5747, -15.9262, 8.6636.



This preview shows how white text looks on a background with the HunterLab color 20.5747,

-15.9262, 8.6636.

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

20.5747, -15.9262, 8.6636

Protanopia

20.8221, -2.5464, 9.6576

Deuteranopia

20.6965, 0.8797, 8.4330



Tritanopia

20.8074, -7.5923, -3.3546

Trichromacy



Original Color

20.5747, -15.9262, 8.6636

Protanomaly

20.0134, -9.5254, 8.7218

Deuteranomaly

19.7469, -7.6870, 7.7133

Tritanomaly

20.4343, -11.2046, 1.9081

Monochromacy



Original Color

20.5747, -15.9262, 8.6636

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.8389, -7.7774, 3.4814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5747, -15.9262, 8.6636 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(0, 68, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 31)  
}
```

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(0, 68, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5747, -15.9262, 8.6636 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(0, 68, 31) }
```


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

```
.border{ border-color:rgb(0, 68, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 68, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 68, 31); box-shadow:4px  
4px 4px 4px rgb(0, 68, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5747, -15.9262, 8.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 31) }
```

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

```
.background{ background-color: rgb(0, 68,  
31) }
```

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