

Converting Colors

HunterLab(19.9880, -17.0104,
6.9390)

Have a look what the booklet for
HunterLab(19.9880, -17.0104,
6.9390) contains.

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Color

**HunterLab(20.3663,
-15.1228, 7.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	004325
RGB	0, 67, 37
RGB Percent	0%, 26%, 15%
CMY	1.0000, 0.7373, 0.8549
CMYK	1.00, 0.00, 0.45, 0.74
HSL	153°, 100%, 13%
HSV	153°, 100%, 26%
XYZ	2.3411, 4.1479, 2.4275
YIQ	43.5470, -30.3020, -23.5340

Conversions

Conversions Part 2

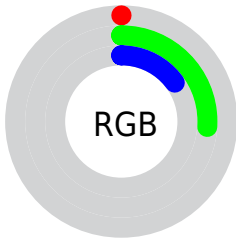
Format	Color
RYB	0, 43, 67
Decimal	17189
CIELab	24.15, -27.60, 12.94
CIELCh	24, 30.486, 154.879
Yxy	4.1480, 0.2626, 0.4652
Android (android.graphics.Color)	4278207269 (0xFF004325)
YUV	43.5470, -3.2277, -38.1907
Hunter-Lab	20.3663, -15.1228, 7.1896

Details

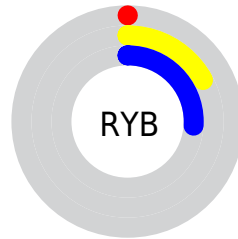
The HunterLab color **20.3663, -15.1228, 7.1896** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.3450, 20.2545, 0.9256**, and the grayscale version is **15.7395, -0.8398, 0.8552**.

A 20% lighter version of the original color is **37.3762, -20.2501, 10.0137**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.3667, -15.1231, 7.1898**, and if you desaturate by 10%, it is **20.5205, -14.3894, 6.5923**.

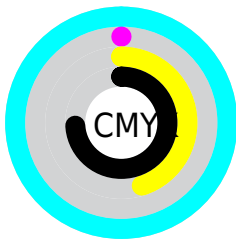
Distribution



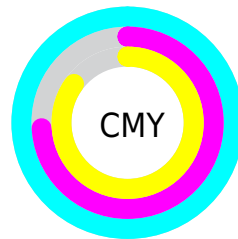
- Red (0%)
- Green (26%)
- Blue (15%)



- Red (0%)
- Yellow (17%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3663, -15.1228, 7.1896 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 20.3663, -15.1228, 7.1896 by changing the saturation by 10% instead.

■ 20.3663, -15.1228,
7.1896

■ 20.3663, -15.1228,
7.1896

■ 118.8513,
-34.6702, 18.9938

■ 13.2541, -12.2104,
5.6929

■ 37.3439, -20.1508,
9.9784

■ 6.7821, -11.8687,
4.7475

■ 47.0327, -22.4291,
11.3008

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4392, -24.6079,
12.5993

0.0000, NaN, NaN

■ 68.5168, -26.7122,
13.8838

0.0000, NaN, NaN

■ 80.2271, -28.7594,
15.1613


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.5377, -30.7622,


16.4366


0.0000, NaN, NaN


 105.4205,
-32.7300, 17.7132


 20.3663, -15.1228,
7.1896


 20.3663, -15.1228,
7.1896


 20.3667, -15.1231,
7.1898

 20.5205, -14.3894,
6.5923

 20.6822, -13.6226,
5.9537

 20.8842, -12.6928,
5.3082

 21.1341, -11.5758,
4.6680

 21.4338, -10.2728,
4.0403

■ 21.7841, -8.7893,
3.4315

■ 22.1855, -7.1342,
2.8474

■ 22.6378, -5.3192,
2.2928

■ 23.1403, -3.3576,
1.7717

Harmonies

Analogous

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



20.3667, -10.5124, 10.8299



20.3663, -15.1228, 7.1896



20.3667, -16.2742, -0.4245

Triad

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



20.3667, -15.1230, 7.1897



20.3667, 0.4884, -24.9004



20.3667, 16.1593, 8.7497

Complementary

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



20.3663, -15.1228, 7.1896



11.3450, 20.2545, 0.9256

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.



20.3667, 20.4839, 2.5311



20.3663, -15.1228, 7.1896



20.3667, 10.4400, -18.9070

Square

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



20.3667, -15.1230, 7.1897



20.3667, -8.2740, -21.7201



20.3667, 18.2200, -7.7294



20.3667, 7.2576, 11.3980

Rectangle

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



20.3663, -15.1228, 7.1896



20.3667, -15.1461, -7.6356



20.3667, 18.2200, -7.7294



20.3667, 18.2640, 7.1456

Sweetspot

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



20.3667, -15.1230, 7.1897



28.7384, -9.5390, 3.7884



20.7189, -14.3144, 12.5162



14.5815, -5.0427, 1.9916



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.3667, -15.1230, 7.1897



26.4203, -19.7854, 9.6879



20.0819, -10.0158, -3.4793



12.1329, -1.5945, 0.8865



29.6525, -22.2754, 11.0232



74.1484, -56.5854, 29.4726

Inverse Universe

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



11.3450, 20.2545, 0.9256



14.6872, 26.1415, 1.8217



11.2520, 17.6079, 7.2415



11.6045, 0.3603, 0.4205



16.4717, 29.2846, 2.3006



41.0374, 72.5425, 8.9617

Previews

White Background



This preview shows how the HunterLab color 20.3663, -15.1228, 7.1896 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

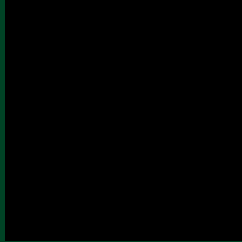
Any Text WCAG AA × Fail

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 20.3663, -15.1228, 7.1896 Background



This preview shows how black text looks on a background with the HunterLab color 20.3663, -15.1228, 7.1896.



This preview shows how white text looks on a background with the HunterLab color 20.3663,

-15.1228, 7.1896.

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

20.3663, -15.1228, 7.1896

Protanopia

20.4899, -2.3030, 8.2063

Deuteranopia

20.3735, 1.1743, 6.7325



Tritanopia

20.4728, -7.4685, -3.8208

Trichromacy



Original Color

20.3663, -15.1228, 7.1896

Protanomaly

19.7736, -8.9017, 7.2607

Deuteranomaly

19.5189, -7.0078, 6.0743

Tritanomaly

20.1801, -10.6755, 0.8751

Monochromacy



Original Color

20.3663, -15.1228, 7.1896

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.9203, -7.3815, 2.9460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3663, -15.1228, 7.1896 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, 67, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 37)  
}
```

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, 67, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3663, -15.1228, 7.1896 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, 67, 37) }
```


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

```
.border{ border-color:rgb(0, 67, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 37); box-shadow:4px  
4px 4px 4px rgb(0, 67, 37) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3663, -15.1228, 7.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 37) }
```

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

```
.background{ background-color: rgb(0, 67,  
37) }
```

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](#).

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