

Converting Colors

HunterLab(55.0006, 4.7358,
20.5015)

Have a look what the booklet for
HunterLab(55.0006, 4.7358,
20.5015) contains.

HunterLab(55.1616, 4.6773, 20.5610)	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(55.1616, 4.6773,
20.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	B58F66
RGB	181, 143, 102
RGB Percent	71%, 56%, 40%
CMY	0.2902, 0.4392, 0.6000
CMYK	0.00, 0.21, 0.44, 0.29
HSL	31°, 35%, 55%
HSV	31°, 44%, 71%
XYZ	31.2768, 30.4280, 16.7951
YIQ	149.6880, 35.8090, -4.6950

Conversions

Conversions Part 2

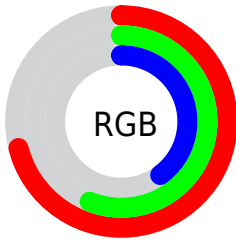
Format	Color
RYB	175, 181, 102
Decimal	11898726
CIELab	62.02, 8.89, 27.26
CIELCh	62, 28.675, 71.935
Yxy	30.4295, 0.3984, 0.3876
Android (android.graphics.Color)	4290088806 (0xFFB58F66)
YUV	149.6880, -23.5102, 27.4606
Hunter-Lab	55.1616, 4.6773, 20.5610

Details

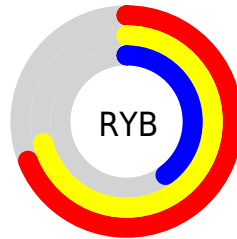
The HunterLab color $55.1616, 4.6773, 20.5610$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $49.9162, -4.3983, -21.2444$, and the grayscale version is $55.1824, -2.9444, 2.9982$.

A 20% lighter version of the original color is $77.7236, 4.0210, 24.9739$, and $35.3987, 4.5354, 16.0464$ is the 20% darker color. If you saturate the color by 10%, you get $52.5313, 7.3554, 23.0545$, and if you desaturate by 10%, it is $57.9179, 2.3009, 17.5056$.

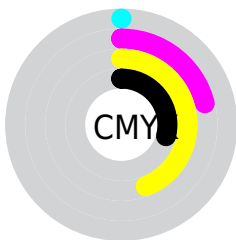
Distribution



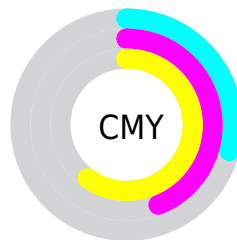
- Red (71%)
- Green (56%)
- Blue (40%)



- Red (69%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.1616, 4.6773, 20.5610 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 55.1616, 4.6773, 20.5610 by changing the saturation by 10% instead.

 55.1616, 4.6773,
20.5610

 55.1616, 4.6773,
20.5610


174.3276, 1.7169,
38.3642

 44.9052, 4.7452,
18.3246

 77.6793, 4.3480,
24.7912

 35.3764, 4.7424,
15.9702

 89.8644, 4.1028,
26.8193

 26.6371, 4.6549,
13.4566


 102.6273, 3.8091,
28.8059

 18.7665, 4.4661,
10.7710

 115.9432, 3.4704,
30.7597

 11.8737, 4.1502,
8.3116

129.7897, 3.0895,
32.6875

 4.7325, 7.9345,
3.3127

144.1474, 2.6689,

0.0000, NaN, NaN

34.5947

0.0000, NaN, NaN

158.9987, 2.2107,
36.4858

0.0000, NaN, NaN

■ 55.1616, 4.6773,
20.5610

■ 55.1616, 4.6773,
20.5610

■ 52.5313, 7.3554,
23.0545

■ 57.9179, 2.3009,
17.5056

■ 50.0329, 10.3483,
24.9396

■ 60.7869, 0.2204,
13.9332

■ 47.6774, 13.6506,
26.1802

■ 63.7615, -1.5824,
9.8904

■ 45.4745, 17.2453,
26.7562

■ 66.8335, -3.1255,
5.4208

■ 43.4323, 21.0955,
26.6788

■ 69.9957, -4.4274,
0.5646

■ 42.2133, 23.6111,
26.4250

■ 73.2417, -5.5064,
-4.6420

■ 76.5654, -6.3802,
-10.1665

■ 79.9615, -7.0654,
-15.9800

■ 83.0321, -9.7507,
-16.5624

Harmonies

Analogous

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



55.1629, 16.0155, 16.1564



55.1616, 4.6773, 20.5610



55.1629, -7.8102, 20.9594

Triad

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



55.1629, 4.6751, 20.5617



55.1629, -24.4684, -1.9175



55.1629, 13.9808, -16.7662

Complementary

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



55.1616, 4.6773, 20.5610



49.9162, -4.3983, -21.2444

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.



55.1629, 2.0922, -24.2473



55.1616, 4.6773, 20.5610



55.1629, -19.6490, -14.4869

Square

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



55.1629, 4.6751, 20.5617



55.1629, -23.9104, 9.6078



55.1629, -10.1751, -23.3312



55.1629, 21.7075, -4.5360

Rectangle

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



55.1616, 4.6773, 20.5610



55.1629, -15.0466, 19.0434



55.1629, -10.1751, -23.3312



55.1629, 10.2962, -20.0301

Sweetspot

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



55.1629, 4.6751, 20.5617



85.5039, -2.2131, 12.9912



46.0713, 30.0085, -3.1070



39.3415, -0.7999, 6.6144



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



55.1629, 4.6751, 20.5617



70.5688, 9.5500, 30.6225



66.0851, -13.8973, 29.1998



30.3489, -1.0641, 3.7321



35.2478, 19.1541, 22.0548



7.1203, 1.5855, 4.4153

Inverse Universe

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



49.9162, -4.3983, -21.2444



62.2029, -4.6485, -36.3804



39.6758, 14.7975, -40.6205



29.8028, -2.0363, -0.5833



26.7254, 7.8053, -50.2538



5.8461, -0.5940, -6.0249

Previews

White Background



This preview shows how the HunterLab color 55.1616, 4.6773, 20.5610 looks on a white background.

Color Contrast Check

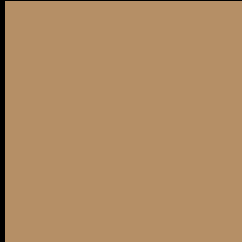
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.1616, 4.6773, 20.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

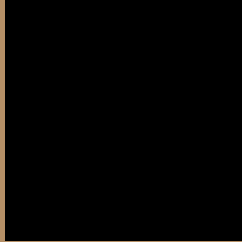
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.1616, 4.6773, 20.5610 Background



This preview shows how black text looks on a background with the HunterLab color 55.1616, 4.6773, 20.5610.



This preview shows how white text looks on a background with the HunterLab color 55.1616, 4.6773,

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

55.1616, 4.6773, 20.5610

Protanopia

55.2395, -5.0385, 19.6055

Deuteranopia

55.3255, 3.8232, 20.6871



Tritanopia

55.0851, 14.7433, 4.0457

Trichromacy



Original Color

55.1616, 4.6773, 20.5610

Protanomaly

55.0472, -1.3398, 19.7902

Deuteranomaly

55.3255, 3.8232, 20.6871

Tritanomaly

55.0402, 11.0143, 10.9777

Monochromacy



Original Color

55.1616, 4.6773, 20.5610

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

54.8981, -0.5909, 9.8520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1616, 4.6773, 20.5610 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(181, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 143, 102)  
}
```

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(181, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 143, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1616, 4.6773, 20.5610 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(181, 143, 102) }
```


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

```
.border{ border-color:rgb(181, 143, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 143, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 143,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1616, 4.6773, 20.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 143, 102) }
```

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

```
.background{ background-color: rgb(181,  
143, 102) }
```

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