

Converting Colors

HunterLab(18.0164, 0.9523,
9.6363)

Have a look what the booklet for
HunterLab(18.0164, 0.9523, 9.6363)
contains.

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Color

**HunterLab(17.9955, 0.8198,
9.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	40300F
RGB	64, 48, 15
RGB Percent	25%, 19%, 6%
CMY	0.7490, 0.8118, 0.9412
CMYK	0.00, 0.25, 0.77, 0.75
HSL	40°, 62%, 15%
HSV	40°, 77%, 25%
XYZ	3.2575, 3.2384, 0.9053
YIQ	49.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

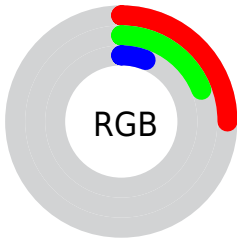
Format	Color
R_YB	39, 64, 15
Decimal	4206607
CIE _{Lab}	20.97, 3.04, 23.21
CIE _{LCh}	21, 23.412, 82.541
Yxy	3.2385, 0.4401, 0.4376
Android (android.graphics.Color)	4282396687 (0xFF40300F)
YUV	49.0220, -16.7728, 13.1357
Hunter-Lab	17.9955, 0.8198, 9.6141

Details

The HunterLab color **17.9955, 0.8198, 9.6141** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.0484, 2.8031, -16.3958**, and the grayscale version is **17.5824, -0.9382, 0.9553**.

A 20% lighter version of the original color is **34.4943, 0.3430, 14.1493**, and **3.2753, 3.9056, 2.0866** is the 20% darker color. If you saturate the color by 10%, you get **17.4814, 1.4191, 9.9591**, and if you desaturate by 10%, it is **18.5328, 0.2952, 9.0925**.

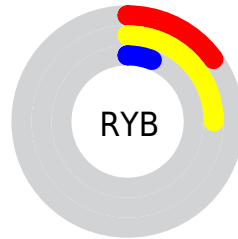
Distribution



Red (25%)

Green (19%)

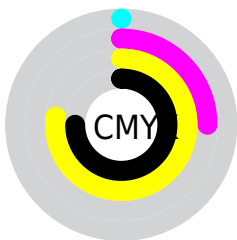
Blue (6%)



Red (15%)

Yellow (25%)

Blue (6%)

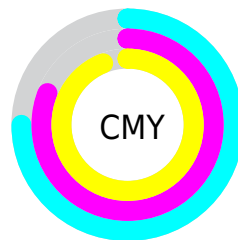


Cyan (0%)

Magenta (25%)

Yellow (77%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9955, 0.8198, 9.6141 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 17.9955, 0.8198, 9.6141 by changing the saturation by 10% instead.

17.9955, 0.8198,
9.6141

17.9955, 0.8198,
9.6141

114.5223, -2.8620,
27.3465

11.2138, 0.9323,
7.8497

34.4222, 0.3566,
14.1981

3.2853, 3.8555,
2.2997

43.8714, 0.0324,
16.2651

0.0000, NaN, NaN

0.0000, NaN, NaN

54.0552, -0.3438,
18.2377

0.0000, NaN, NaN

64.9239, -0.7670,
20.1409

0.0000, NaN, NaN

76.4368, -1.2333,
21.9923

0.0000, NaN, NaN

0.0000, NaN, NaN

88.5597, -1.7395,

23.8045

0.0000, NaN, NaN

■ 101.2634, -2.2831,
25.5868

■ 17.9955, 0.8198,
9.6141

■ 17.9955, 0.8198,
9.6141

■ 17.4814, 1.4191,
9.9591

■ 18.5328, 0.2952,
9.0925

■ 16.9794, 2.0398,
10.2776

■ 19.0920, -0.1489,
8.3888

■ 16.8087, 2.2523,
10.3969

■ 19.6729, -0.5132,
7.5065

■ 20.2749, -0.7990,
6.4509

■ 20.8971, -1.0078,
5.2286

■ 21.5389, -1.1421,
3.8470

■ 22.1995, -1.2047,
2.3142

■ 22.8781, -1.1985,
0.6382

■ 23.5739, -1.1267,
-1.1730

Harmonies

Analogous

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



17.9959, 7.9750, 8.4657



17.9955, 0.8198, 9.6141



17.9959, -5.8342, 9.2448

Triad

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



17.9959, 0.8190, 9.6143



17.9959, -11.7786, -4.6503



17.9959, 11.0132, -8.6731

Complementary

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



17.9955, 0.8198, 9.6141



12.0484, 2.8031, -16.3958

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.



17.9959, 4.4927, -15.3052



17.9955, 0.8198, 9.6141



17.9959, -8.4351, -12.4302

Square

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



17.9959, 0.8190, 9.6143



17.9959, -12.4536, 2.5632



17.9959, -2.6747, -16.8939



17.9959, 14.4177, -0.7624

Rectangle

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



17.9955, 0.8198, 9.6141



17.9959, -9.1848, 8.0885



17.9959, -2.6747, -16.8939



17.9959, 9.0696, -11.2329

Sweetspot

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



17.9959, 0.8190, 9.6143



27.7413, -1.3815, 6.4477



12.3788, 14.9189, 1.5690



14.4839, -0.7058, 3.5458



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.



17.9959, 0.8190, 9.6143



22.4085, 2.7161, 13.3441



21.3008, -7.6011, 11.7343



12.0639, -0.6548, 1.4398



25.1927, 4.2672, 15.5983



61.7153, 13.3391, 38.2622

Inverse Universe

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



12.0484, 2.8031, -16.3958



13.1125, 7.0987, -29.8605



9.4656, 10.8438, -24.3595



11.6613, -0.5835, -0.1963



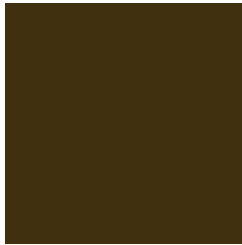
13.6924, 10.7129, -40.2403



31.9431, 32.9995, -111.1625

Previews

White Background



This preview shows how the HunterLab color 17.9955, 0.8198, 9.6141 looks on a white background.

Color Contrast Check

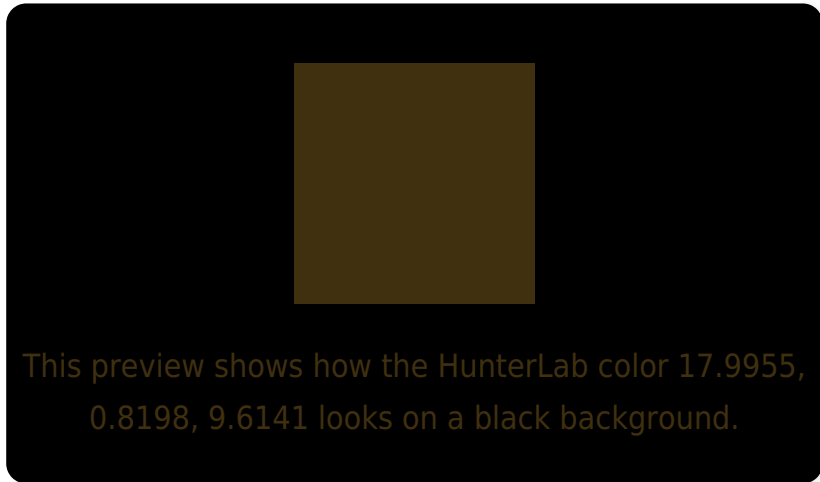
Large Text (above 18pt) WCAG AA ✓ Pass

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

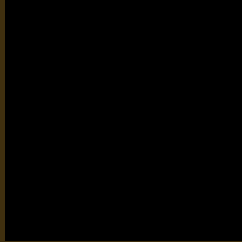
Any Text WCAG AA × Fail

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 17.9955, 0.8198, 9.6141 Background



This preview shows how black text looks on a background with the HunterLab color 17.9955, 0.8198, 9.6141.

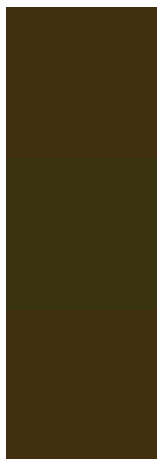


This preview shows how white text looks on a background with the HunterLab color 17.9955, 0.8198,

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

17.9955, 0.8198, 9.6141

Protanopia

18.0967, -2.4266, 9.5026

Deuteranopia

17.9955, 0.8198, 9.6141



Tritanopia

18.0234, 5.2879, 1.9997

Trichromacy



Original Color

17.9955, 0.8198, 9.6141

Protanomaly

18.1088, -1.1569, 9.5333

Deuteranomaly

17.9955, 0.8198, 9.6141

Tritanomaly

17.9030, 3.3208, 5.5624

Monochromacy



Original Color

17.9955, 0.8198, 9.6141

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6479, -1.0098, 4.9766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9955, 0.8198, 9.6141 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(64, 48, 15)` looks like.

```
.text, #text, p{  
    color:rgb(64, 48, 15)  
}
```

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(64, 48, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 48, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9955, 0.8198, 9.6141 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(64, 48, 15) }
```


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

```
.border{ border-color:rgb(64, 48, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 48, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 48, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 48, 15);  
box-shadow:4px 4px 4px 4px rgb(64, 48, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9955, 0.8198, 9.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 48, 15) }
```

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

```
.background{ background-color: rgb(64, 48,  
15) }
```

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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