

Converting Colors

HunterLab(45.3205, 17.4794,
25.3660)

Have a look what the booklet for
HunterLab(45.3205, 17.4794,
25.3660) contains.

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Color

**HunterLab(45.3824, 17.3500,
25.4064)**

Conversions

Conversions Part 1

Format	Color
Hex	B46C2A
RGB	180, 108, 42
RGB Percent	71%, 42%, 16%
CMY	0.2941, 0.5764, 0.8353
CMYK	0.00, 0.40, 0.77, 0.29
HSL	29°, 62%, 44%
HSV	29°, 77%, 71%
XYZ	24.6029, 20.5956, 4.8691
YIQ	122.0040, 64.0980, -5.2620

Conversions

Conversions Part 2

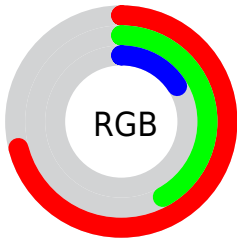
Format	Color
R _Y B	180, 169, 42
Decimal	11824170
CIE Lab	52.51, 23.37, 47.12
CIE LCh	53, 52.600, 63.616
Yxy	20.5967, 0.4914, 0.4114
Android (android.graphics.Color)	4290014250 (0xFFB46C2A)
YUV	122.0040, -39.4420, 50.8625
Hunter-Lab	45.3824, 17.3500, 25.4064

Details

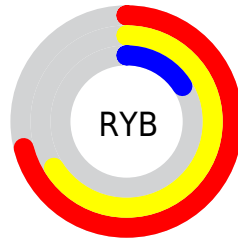
The HunterLab color **45.3824, 17.3500, 25.4064** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **39.7760, -1.3513, -39.8775**, and the grayscale version is **44.2491, -2.3610, 2.4041**.

A 20% lighter version of the original color is **66.6630, 18.3942, 32.3941**, and **27.1464, 15.8935, 17.0058** is the 20% darker color. If you saturate the color by 10%, you get **43.1510, 21.3353, 25.7754**, and if you desaturate by 10%, it is **47.7960, 13.6270, 24.3869**.

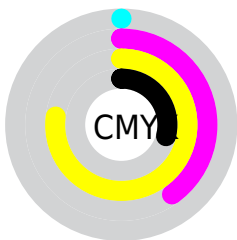
Distribution



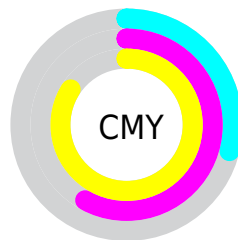
- Red (71%)
- Green (42%)
- Blue (16%)



- Red (71%)
- Yellow (66%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (29%)



- Cyan (29%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3824, 17.3500, 25.4064 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 45.3824, 17.3500, 25.4064 by changing the saturation by 10% instead.

45.3824, 17.3500,
25.4064

45.3824, 17.3500,
25.4064

159.7271, 20.2455,
53.3647

35.8183, 16.5999,
21.5744

66.6448, 18.5240,
32.4438

27.0393, 15.7266,
17.5597

78.2532, 18.9765,
35.7206

19.1246, 14.7089,
13.3872

90.4668, 19.3503,
38.8731

12.1815, 13.5309,
8.5270

103.2570, 19.6523,
41.9218

5.2664, 19.0594,
3.6865

116.5989, 19.8882,
44.8832

0.0000, NaN, NaN

0.0000, NaN, NaN

130.4705, 20.0631,

47.7706

0.0000, NaN, NaN

144.8524, 20.1810,
50.5948

0.0000, NaN, NaN

■ 45.3824, 17.3500,
25.4064

■ 45.3824, 17.3500,
25.4064

■ 43.1510, 21.3353,
25.7754

■ 47.7960, 13.6270,
24.3869

■ 41.1078, 25.5283,
25.5288

■ 50.3756, 10.2046,
22.7363

■ 40.4644, 26.9304,
25.4054

■ 53.1095, 7.0909,
20.4953

■ 55.9849, 4.2839,
17.7126

■ 58.9900, 1.7727,
14.4390

■ 62.1140, -0.4582,
10.7233

■ 65.3470, -2.4277,
6.6112

■ 68.6800, -4.1550,
2.1437

■ 72.1053, -5.6599,
-2.6426

Harmonies

Analogous

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



45.3836, 37.1774, 19.2371



45.3824, 17.3500, 25.4064



45.3836, -4.9902, 26.7451

Triad

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



45.3836, 17.3472, 25.4069



45.3836, -36.6219, -0.0684



45.3836, 22.6771, -43.7101

Complementary

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



45.3824, 17.3500, 25.4064



39.7760, -1.3513, -39.8775

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.



45.3836, 0.2005, -56.5296



45.3824, 17.3500, 25.4064



45.3836, -31.8587, -24.9822

Square

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



45.3836, 17.3472, 25.4069



45.3836, -33.7163, 16.6495



45.3836, -19.3002, -48.4453



45.3836, 40.6333, -18.5937

Rectangle

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



45.3824, 17.3500, 25.4064



45.3836, -17.7598, 25.6912



45.3836, -19.3002, -48.4453



45.3836, 15.2645, -50.0193

Sweetspot

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



45.3836, 17.3472, 25.4069



80.7931, 1.3638, 17.8683



35.5120, 52.3548, -4.5847



36.8728, 1.1533, 9.1032



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.



45.3836, 17.3472, 25.4069



56.1776, 32.6117, 34.5480



63.7857, -14.6646, 37.0115



30.2547, -0.9057, 3.6303



34.0014, 22.0330, 21.3372



6.9341, 1.9517, 4.3069

Inverse Universe

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



39.7760, -1.3513, -39.8775



47.3741, 5.1419, -68.7062



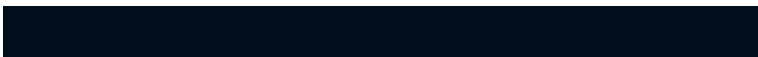
24.0601, 33.5215, -90.9928



29.8985, -2.1935, -0.4666



28.3038, 4.7386, -45.6065



6.0666, -0.9436, -5.5457

Previews

White Background



This preview shows how the HunterLab color 45.3824, 17.3500, 25.4064 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3824, 17.3500, 25.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

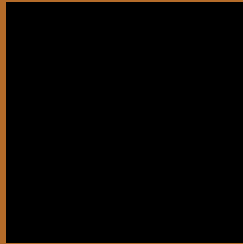
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 45.3824, 17.3500, 25.4064 Background



This preview shows how black text looks on a background with the HunterLab color 45.3824, 17.3500, 25.4064.



This preview shows how white text looks on a background with the HunterLab color 45.3824, 17.3500,

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

45.3824, 17.3500, 25.4064

Protanopia

45.4999, -5.9133, 24.4289

Deuteranopia

45.3902, 3.3368, 25.6324



Tritanopia

45.3892, 27.4628, 9.5505

Trichromacy



Original Color

45.3824, 17.3500, 25.4064

Protanomaly

45.1128, 2.5142, 24.5795

Deuteranomaly

45.2934, 8.3160, 25.5426

Tritanomaly

45.4134, 23.1865, 17.1690

Monochromacy



Original Color

45.3824, 17.3500, 25.4064

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.9915, 2.8066, 13.1992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3824, 17.3500, 25.4064 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(180, 108, 42)` looks like.

```
.text, #text, p{  
    color:rgb(180, 108, 42)  
}
```

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(180, 108, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 108, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3824, 17.3500, 25.4064 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(180, 108, 42) }
```


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

```
.border{ border-color:rgb(180, 108, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 108, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 108, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 108, 42);  
box-shadow:4px 4px 4px 4px rgb(180, 108,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3824, 17.3500, 25.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 108, 42) }
```

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

```
.background{ background-color: rgb(180,  
108, 42) }
```

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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