

Converting Colors

HunterLab(51.2192, 2.0592,
16.2729)

Have a look what the booklet for
HunterLab(51.2192, 2.0592,
16.2729) contains.

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Color

**HunterLab(51.1218, 2.4305,
16.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	A38769
RGB	163, 135, 105
RGB Percent	64%, 53%, 41%
CMY	0.3608, 0.4706, 0.5882
CMYK	0.00, 0.17, 0.36, 0.36
HSL	31°, 24%, 53%
HSV	31°, 36%, 64%
XYZ	26.3180, 26.1344, 17.0219
YIQ	139.9520, 26.3180, -3.3940

Conversions

Conversions Part 2

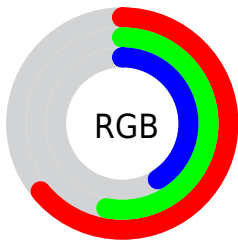
Format	Color
R_{YB}	159, 163, 105
Decimal	10717033
CIE _{Lab}	58.17, 6.22, 20.13
CIE _{LCh}	58, 21.068, 72.838
Yxy	26.1356, 0.3788, 0.3762
Android (android.graphics.Color)	4288907113 (0xFFA38769)
YUV	139.9520, -17.2313, 20.2131
Hunter-Lab	51.1218, 2.4305, 16.0436

Details

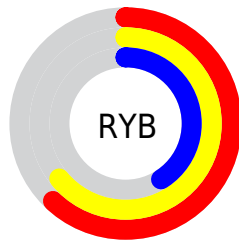
The HunterLab color $51.1218, 2.4305, 16.0436$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47.3518, -4.3670, -14.2848$, and the grayscale version is $51.2514, -2.7346, 2.7846$.

A 20% lighter version of the original color is $73.0936, 1.9980, 19.5622$, and $31.8080, 2.9379, 12.1898$ is the 20% darker color. If you saturate the color by 10%, you get $48.6999, 4.5823, 18.6624$, and if you desaturate by 10%, it is $53.6479, 0.5344, 12.9682$.

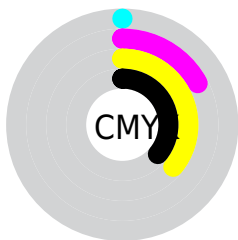
Distribution



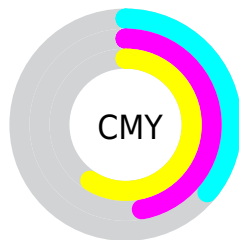
- Red (64%)
- Green (53%)
- Blue (41%)



- Red (62%)
- Yellow (64%)
- Blue (41%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1218, 2.4305, 16.0436 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 51.1218, 2.4305, 16.0436 by changing the saturation by 10% instead.

■ 51.1218, 2.4305,
16.0436

■ 51.1218, 2.4305,
16.0436

168.3589, -1.3976,
30.7433

■ 41.1401, 2.6159,
14.2590

■ 73.1393, 1.8830,
19.4563

■ 31.9079, 2.7363,
12.3921

■ 85.0940, 1.5353,
21.1106

■ 23.4930, 2.7789,
10.4072

■ 97.6373, 1.1428,
22.7425

■ 15.9844, 2.7277,
8.2872

■ 110.7426, 0.7087,
24.3583

■ 9.5084, 2.5564,
6.6559

124.3869, 0.2356,
25.9629

0.0000, NaN, NaN

0.0000, NaN, NaN

138.5496, -0.2744,

27.5601

0.0000, NaN, NaN

153.2124, -0.8193,
29.1527

0.0000, NaN, NaN

■ 51.1218, 2.4305,
16.0436

■ 51.1218, 2.4305,
16.0436

■ 48.6999, 4.5823,
18.6624

■ 53.6479, 0.5344,
12.9682

■ 46.3867, 7.0056,
20.7816

■ 56.2669, -1.1140,
9.4745

■ 44.1922, 9.7030,
22.3639

■ 58.9729, -2.5319,
5.6016

■ 42.1250, 12.6702,
23.3784

■ 61.7594, -3.7355,
1.3850

■ 40.1933, 15.8901,
23.8102

■ 64.6206, -4.7408,
-3.1431

■ 38.4036, 19.3243,
23.6832

■ 67.5512, -5.5635,
-7.9539

■ 37.6524, 20.8614,
23.5665

■ 70.5464, -6.2181,
-13.0217

■ 73.6018, -6.7183,
-18.3237

■ 76.7137, -7.0767,
-23.8397

Harmonies

Analogous

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



51.1230, 10.4615, 12.6781



51.1218, 2.4305, 16.0436



51.1230, -6.4852, 16.2696

Triad

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



51.1230, 2.4286, 16.0443



51.1230, -18.3989, -0.9761



51.1230, 9.4593, -10.6825

Complementary

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



51.1218, 2.4305, 16.0436



47.3518, -4.3670, -14.2848

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.



51.1230, 1.1358, -15.8140



51.1218, 2.4305, 16.0436



51.1230, -14.7072, -9.5976

Square

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



51.1230, 2.4286, 16.0443



51.1230, -18.1053, 7.3661



51.1230, -7.6929, -15.3861



51.1230, 14.7077, -2.2686

Rectangle

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



51.1218, 2.4305, 16.0436



51.1230, -11.7011, 14.6791



51.1230, -7.6929, -15.3861



51.1230, 6.9047, -12.9083

Sweetspot

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



51.1230, 2.4286, 16.0443



76.8710, -2.3582, 10.4697



44.2542, 20.9406, -2.1104



36.2115, -1.0003, 5.2725



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.1230, 2.4286, 16.0443



65.7410, 5.5918, 24.3971



59.0756, -11.0613, 22.7950



27.6832, -0.9719, 3.3768



33.3310, 18.0802, 20.8549



5.7237, 0.8015, 3.5410

Inverse Universe

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



47.3518, -4.3670, -14.2848



59.6074, -5.3350, -25.0893



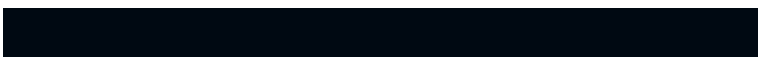
39.7617, 9.4394, -27.0021



27.1988, -1.8594, -0.5005



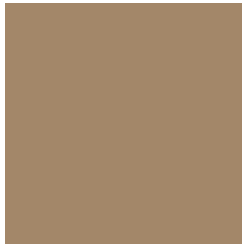
25.4077, 7.0895, -47.0616



4.7982, -0.9015, -4.0513

Previews

White Background



This preview shows how the HunterLab color 51.1218, 2.4305, 16.0436 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 51.1218, 2.4305, 16.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

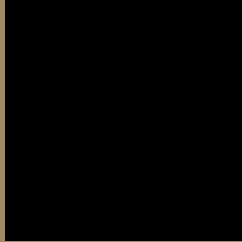
Any Text WCAG AA ✓ Pass

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 51.1218, 2.4305, 16.0436 Background



This preview shows how black text looks on a background with the HunterLab color 51.1218, 2.4305, 16.0436.



This preview shows how white text looks on a background with the HunterLab color 51.1218, 2.4305,

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

51.1218, 2.4305, 16.0436

Protanopia

51.2852, -4.0945, 15.4490

Deuteranopia

51.0582, 3.6137, 16.0058



Tritanopia

51.0629, 10.8005, 2.8454

Trichromacy



Original Color

51.1218, 2.4305, 16.0436

Protanomaly

51.1724, -1.6224, 15.7050

Deuteranomaly

50.9535, 3.2621, 15.9033

Tritanomaly

51.1291, 7.6061, 8.3551

Monochromacy



Original Color

51.1218, 2.4305, 16.0436

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.9953, -1.2716, 8.0562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1218, 2.4305, 16.0436 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(163, 135, 105)` looks like.

```
.text, #text, p{  
    color:rgb(163, 135, 105)  
}
```

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(163, 135, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 135, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1218, 2.4305, 16.0436 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(163, 135, 105) }
```


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

```
.border{ border-color:rgb(163, 135, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 135, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 135, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 135, 105);  
box-shadow:4px 4px 4px 4px rgb(163, 135,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1218, 2.4305, 16.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 135, 105) }
```

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

```
.background{ background-color: rgb(163,  
135, 105) }
```

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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