

Converting Colors

HunterLab(42.9170, -5.8103,
25.2123)

Have a look what the booklet for
HunterLab(42.9170, -5.8103,
25.2123) contains.

HunterLab(42.8064, -5.7610, 25.1535)	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(42.8064, -5.7610,
25.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	867717
RGB	134, 119, 23
RGB Percent	53%, 47%, 9%
CMY	0.4745, 0.5333, 0.9098
CMYK	0.00, 0.11, 0.83, 0.47
HSL	52°, 71%, 31%
HSV	52°, 83%, 53%
XYZ	16.5830, 18.3239, 3.4734
YIQ	112.5410, 39.7560, -26.6760

Conversions

Conversions Part 2

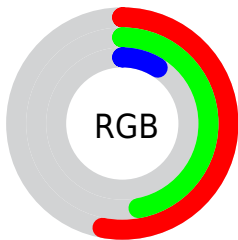
Format	Color
R_{YB}	40, 134, 23
Decimal	8812311
CIE _{Lab}	49.89, -4.61, 50.17
CIE _{LCh}	50, 50.378, 95.245
Yxy	18.3248, 0.4321, 0.4774
Android (android.graphics.Color)	4287002391 (0xFF867717)
YUV	112.5410, -44.1437, 18.8195
Hunter-Lab	42.8064, -5.7610, 25.1535

Details

The HunterLab color $42.8064, -5.7610, 25.1535$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $18.1374, 20.9080, -62.1859$, and the grayscale version is $40.6144, -2.1671, 2.2067$.

A 20% lighter version of the original color is $63.7140, -7.5536, 32.7653$, and $25.0116, -3.4725, 15.3512$ is the 20% darker color. If you saturate the color by 10%, you get $42.2576, -5.2336, 25.5604$, and if you desaturate by 10%, it is $43.3910, -6.1200, 24.3051$.

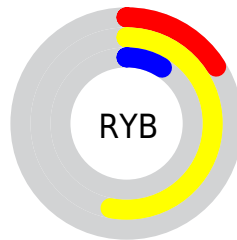
Distribution



Red (53%)

Green (47%)

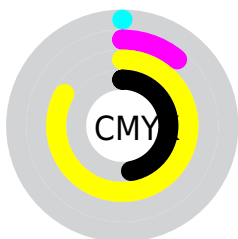
Blue (9%)



Red (16%)

Yellow (53%)

Blue (9%)

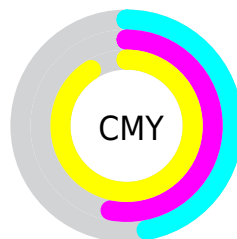


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8064, -5.7610, 25.1535 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 42.8064, -5.7610, 25.1535 by changing the saturation by 10% instead.

42.8064, -5.7610,
25.1535

42.8064, -5.7610,
25.1535

155.7868,
-13.7184, 54.9378

33.4416, -4.9785,
21.0309

63.7102, -7.3869,
32.7068

24.8804, -4.2094,
17.1891

75.1549, -8.2292,
36.2115

17.2080, -3.4499,
12.0456

87.2130, -9.0923,
39.5749

10.5427, -2.6877,
7.3799

99.8548, -9.9762,
42.8201

0.0000, NaN, NaN

0.0000, NaN, NaN

113.0545,
-10.8810, 45.9652

0.0000, NaN, NaN

126.7894,

0.0000, NaN, NaN

-11.8064, 49.0255

0.0000, NaN, NaN

141.0395,
-12.7523, 52.0130

42.8064, -5.7610,
25.1535

42.8064, -5.7610,
25.1535

42.2576, -5.2336,
25.5604

43.3910, -6.1200,
24.3051

41.8749, -4.8016,
25.7191

44.0112, -6.2890,
22.9740

44.6700, -6.2582,
21.1344

45.3686, -6.0203,
18.7704

46.1080, -5.5711,
15.8746

■ 46.8886, -4.9089,
12.4460

■ 47.7106, -4.0344,
8.4893

■ 48.5738, -2.9500,
4.0134

■ 49.4781, -1.6597,
-0.9690

Harmonies

Analogous

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



42.8074, 15.1292, 24.0768



42.8064, -5.7610, 25.1535



42.8074, -22.3847, 22.7945

Triad

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



42.8074, -5.7627, 25.1538



42.8074, -29.4988, -24.7796



42.8074, 38.7686, -16.1008

Complementary

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



42.8064, -5.7610, 25.1535



18.1374, 20.9080, -62.1859

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.



42.8074, 22.3783, -39.8839



42.8064, -5.7610, 25.1535



42.8074, -17.2978, -46.3080

Square

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



42.8074, -5.7627, 25.1538



42.8074, -34.3754, -1.1691



42.8074, 1.3045, -52.8301



42.8074, 43.3998, 5.5568

Rectangle

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



42.8064, -5.7610, 25.1535



42.8074, -29.6375, 18.4370



42.8074, 1.3045, -52.8301



42.8074, 34.3205, -24.3738

Sweetspot

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



42.8074, -5.7627, 25.1538



61.9515, -6.7828, 17.8268



24.1498, 35.4588, 10.6487



29.2582, -3.3467, 9.1122



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.8074, -5.7627, 25.1538



55.5091, -6.2299, 34.0422



44.2188, -23.2307, 25.7535



23.0622, -1.7556, 3.3069



40.5516, -4.6704, 24.9059



2.5364, -0.5076, 1.5540

Inverse Universe

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



18.1374, 20.9080, -62.1859



19.3286, 39.5874, -109.2931



18.3127, 32.1575, -61.1752



21.5375, -0.5484, -1.0554



14.2543, 28.1758, -78.6401



1.1431, 0.7650, -3.0803

Previews

White Background



This preview shows how the HunterLab color 42.8064, -5.7610, 25.1535 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 × Fail

Black Background



This preview shows how the HunterLab color 42.8064, -5.7610, 25.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

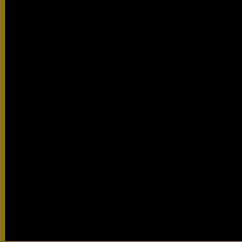
Any Text WCAG AA ✓ Pass

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 42.8064, -5.7610, 25.1535 Background



This preview shows how black text looks on a background with the HunterLab color 42.8064, -5.7610, 25.1535.



This preview shows how white text looks on a background with the HunterLab color 42.8064, -5.7610,

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

42.8064, -5.7610, 25.1535

Protanopia

42.8064, -5.7610, 25.1535

Deuteranopia

42.8642, 2.7796, 25.0271



Tritanopia

42.8527, 8.3112, 2.4039

Trichromacy



Original Color

42.8064, -5.7610, 25.1535

Protanomaly

42.8064, -5.7610, 25.1535

Deuteranomaly

42.7380, -0.3693, 24.9727

Tritanomaly

42.5182, 1.5754, 14.5311

Monochromacy



Original Color

42.8064, -5.7610, 25.1535

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.1164, -4.8200, 14.3074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8064, -5.7610, 25.1535 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(134, 119, 23)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 23)  
}
```

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(134, 119, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8064, -5.7610, 25.1535 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(134, 119, 23) }
```


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

```
.border{ border-color:rgb(134, 119, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 119, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 23);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8064, -5.7610, 25.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 23) }
```

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

```
.background{ background-color: rgb(134,  
119, 23) }
```

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