

Converting Colors

HunterLab(53.0314, -2.9558,
28.3881)

Have a look what the booklet for
HunterLab(53.0314, -2.9558,
28.3881) contains.

HunterLab(52.8738, -2.9470, 28.3336)	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(52.8738, -2.9470,
28.3336)

Conversions

Conversions Part 1

Format	Color
Hex	A88E38
RGB	168, 142, 56
RGB Percent	66%, 56%, 22%
CMY	0.3412, 0.4431, 0.7804
CMYK	0.00, 0.15, 0.67, 0.34
HSL	46°, 50%, 44%
HSV	46°, 67%, 66%
XYZ	26.5353, 27.9564, 7.7389
YIQ	139.9700, 43.1020, -21.2340

Conversions

Conversions Part 2

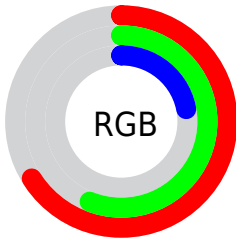
Format	Color
R_{YB}	90, 168, 56
Decimal	11046456
CIE Lab	59.85, -0.15, 47.93
CIE LCh	60, 47.929, 90.182
Yxy	27.9577, 0.4264, 0.4492
Android (android.graphics.Color)	4289236536 (0xFFA88E38)
YUV	139.9700, -41.3972, 24.5823
Hunter-Lab	52.8738, -2.9470, 28.3336

Details

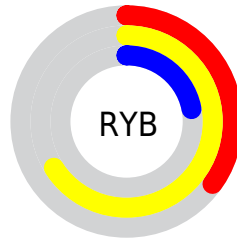
The HunterLab color $52.8738, -2.9470, 28.3336$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $31.1483, 12.6306, -51.1007$, and the grayscale version is $51.3473, -2.7398, 2.7898$.

A 20% lighter version of the original color is $75.0070, -3.8657, 35.1561$, and $33.4141, -1.6501, 20.5607$ is the 20% darker color. If you saturate the color by 10%, you get $51.6525, -1.8493, 29.5721$, and if you desaturate by 10%, it is $54.1585, -3.7829, 26.4429$.

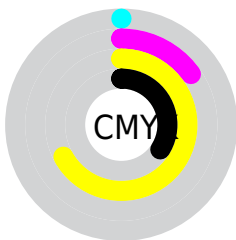
Distribution



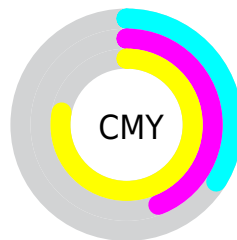
- Red (66%)
- Green (56%)
- Blue (22%)



- Red (35%)
- Yellow (66%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (67%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8738, -2.9470, 28.3336 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 52.8738, -2.9470, 28.3336 by changing the saturation by 10% instead.

■ 52.8738, -2.9470,
28.3336

■ 52.8738, -2.9470,
28.3336

170.9576, -9.3160,
56.0194

■ 42.7712, -2.4010,
24.6122

■ 75.1112, -4.1524,
35.2246

■ 33.4083, -1.8917,
20.6531

■ 87.1671, -4.8034,
38.4558

■ 24.8502, -1.4245,
16.8051

■ 99.8068, -5.4854,
41.5755

■ 17.1813, -1.0036,
12.0269

■ 113.0045, -6.1968,
44.6016

■ 10.5200, -0.6348,
7.3640

■ 126.7375, -6.9366,
47.5484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.9857, -7.7036,

50.4275

0.0000, NaN, NaN

155.7311, -8.4971,
53.2485

0.0000, NaN, NaN

■ 52.8738, -2.9470,
28.3336

■ 52.8738, -2.9470,
28.3336

■ 51.6525, -1.8493,
29.5721

■ 54.1585, -3.7829,
26.4429

■ 50.4891, -0.4983,
30.1869

■ 55.5033, -4.3423,
23.8866

■ 49.3802, 1.0723,
30.2534

■ 56.9095, -4.6247,
20.6658

■ 49.0173, 1.6155,
30.2325

■ 58.3764, -4.6312,
16.7905

■ 59.9030, -4.3660,
12.2775

■ 61.4877, -3.8356,
7.1484

■ 63.1292, -3.0483,
1.4281

■ 64.8257, -2.0136,
-4.8563

■ 66.5755, -0.7417,
-11.6765

Harmonies

Analogous

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



52.8751, 18.2587, 26.1834



52.8738, -2.9470, 28.3336



52.8751, -21.2329, 26.1280

Triad

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



52.8751, -2.9492, 28.3341



52.8751, -32.7892, -19.6801



52.8751, 35.9437, -19.3915

Complementary

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



52.8738, -2.9470, 28.3336



31.1483, 12.6306, -51.1007

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.



52.8751, 18.5083, -40.9281



52.8738, -2.9470, 28.3336



52.8751, -21.0468, -41.1347

Square

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



52.8751, -2.9492, 28.3341



52.8751, -36.7757, 2.7590



52.8751, -2.6989, -50.0871



52.8751, 42.6949, 2.9970

Rectangle

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



52.8738, -2.9470, 28.3336



52.8751, -29.8430, 21.7120



52.8751, -2.6989, -50.0871



52.8751, 31.0190, -27.2361

Sweetspot

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



52.8751, -2.9492, 28.3341



79.9243, -6.0559, 18.8880



34.2996, 39.3269, 7.9783



37.0553, -2.8719, 9.5805



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



52.8751, -2.9492, 28.3341



68.8182, -1.6576, 40.3353



58.0563, -24.0577, 31.5316



29.1105, -1.9068, 4.0765



42.6905, 1.2389, 26.3274



7.1672, -0.6613, 4.4048

Inverse Universe

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



31.1483, 12.6306, -51.1007



34.7761, 26.7797, -92.7147



27.6187, 31.2127, -61.9621



27.5185, -1.0140, -1.1987



18.1600, 26.3979, -79.6840



3.9336, 1.3412, -7.8119

Previews

White Background



This preview shows how the HunterLab color 52.8738, -2.9470, 28.3336 looks on a white background.

Color Contrast Check

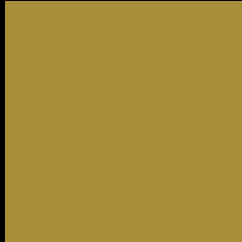
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8738, -2.9470, 28.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

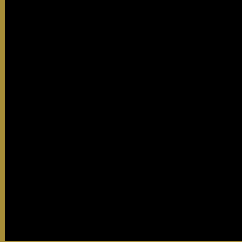
Any Text WCAG AA ✓ Pass

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 52.8738, -2.9470, 28.3336 Background



This preview shows how black text looks on a background with the HunterLab color 52.8738, -2.9470, 28.3336.



This preview shows how white text looks on a background with the HunterLab color 52.8738, -2.9470,

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

52.8738, -2.9470, 28.3336

Protanopia

53.0314, -6.7654, 28.2315

Deuteranopia

52.8110, 3.9323, 28.2650



Tritanopia

52.7941, 12.5065, 3.5664

Trichromacy



Original Color

52.8738, -2.9470, 28.3336

Protanomaly

53.0419, -5.2537, 28.2653

Deuteranomaly

52.9063, 1.4633, 28.2883

Tritanomaly

52.4659, 5.7828, 15.4355

Monochromacy



Original Color

52.8738, -2.9470, 28.3336

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.6119, -4.3326, 15.1068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8738, -2.9470, 28.3336 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(168, 142, 56)` looks like.

```
.text, #text, p{  
    color:rgb(168, 142, 56)  
}
```

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(168, 142, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 142, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8738, -2.9470, 28.3336 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(168, 142, 56) }
```


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

```
.border{ border-color:rgb(168, 142, 56) }
```

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

Here you see how a box with a 4 pixel rgb(168, 142, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 142, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 142, 56);  
box-shadow:4px 4px 4px 4px rgb(168, 142,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.8738, -2.9470, 28.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 142, 56) }
```

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

```
.background{ background-color: rgb(168,  
142, 56) }
```

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