

Converting Colors

HunterLab(50.7397, 5.1032,
27.3050)

Have a look what the booklet for
HunterLab(50.7397, 5.1032,
27.3050) contains.

HunterLab(50.7238, 5.1452, 27.2664)	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(50.7238, 5.1452,
27.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	B08336
RGB	176, 131, 54
RGB Percent	69%, 51%, 21%
CMY	0.3098, 0.4863, 0.7882
CMYK	0.00, 0.26, 0.69, 0.31
HSL	38°, 53%, 45%
HSV	38°, 69%, 69%
XYZ	26.6866, 25.7290, 7.0497
YIQ	135.6770, 51.5370, -14.4070

Conversions

Conversions Part 2

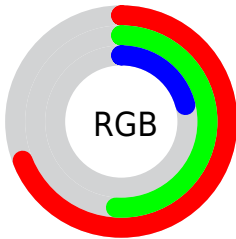
Format	Color
RYB	125, 176, 54
Decimal	11567926
CIELab	57.78, 9.39, 46.90
CIELCh	58, 47.827, 78.675
Yxy	25.7303, 0.4488, 0.4327
Android (android.graphics.Color)	4289758006 (0xFFB08336)
YUV	135.6770, -40.2668, 35.3633
Hunter-Lab	50.7238, 5.1452, 27.2664

Details

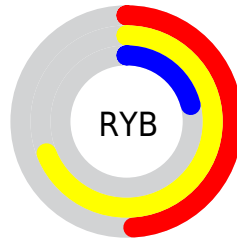
The HunterLab color **50.7238, 5.1452, 27.2664** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **35.8358, 6.1227, -45.7676**, and the grayscale version is **49.6318, -2.6482, 2.6966**.

A 20% lighter version of the original color is **72.7617, 4.8956, 34.2492**, and **31.5540, 4.8862, 19.5289** is the 20% darker color. If you saturate the color by 10%, you get **48.8920, 7.5414, 28.1957**, and if you desaturate by 10%, it is **52.6549, 3.0364, 25.6718**.

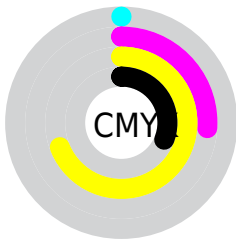
Distribution



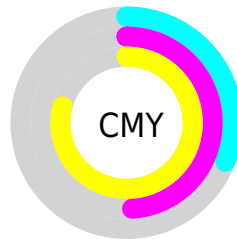
- Red (69%)
- Green (51%)
- Blue (21%)



- Red (49%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (26%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7238, 5.1452, 27.2664 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 50.7238, 5.1452, 27.2664 by changing the saturation by 10% instead.

■ 50.7238, 5.1452,
27.2664

■ 50.7238, 5.1452,
27.2664

167.7664, 2.5513,
54.6263

■ 40.7701, 5.1565,
23.5734

■ 72.6908, 4.9150,
34.0904

■ 31.5679, 5.0909,
19.6371

■ 84.6223, 4.7143,
37.2853

■ 23.1862, 4.9322,
16.0514

■ 97.1433, 4.4625,
40.3680

■ 15.7147, 4.6598,
11.0003

■ 110.2274, 4.1634,
43.3568

■ 9.2807, 4.2464,
6.4965

■ 123.8513, 3.8202,
46.2661

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.9944, 3.4356,

49.1080

0.0000, NaN, NaN

152.6383, 3.0120,
51.8920

0.0000, NaN, NaN

■ 50.7238, 5.1452,
27.2664

■ 50.7238, 5.1452,
27.2664

■ 48.8920, 7.5414,
28.1957

■ 52.6549, 3.0364,
25.6718

■ 47.1578, 10.2155,
28.4737

■ 54.6785, 1.2283,
23.4174

■ 45.5169, 13.1058,
28.2317

■ 56.7918, -0.2829,
20.5250

■ 45.4071, 13.3051,
28.2126

■ 58.9908, -1.5038,
17.0237

■ 61.2710, -2.4446,
12.9475

■ 63.6283, -3.1176,
8.3325

■ 66.0584, -3.5366,
3.2150

■ 68.5573, -3.7160,
-2.3696

■ 71.1212, -3.6704,
-8.3873

Harmonies

Analogous

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



50.7251, 25.5602, 23.4043



50.7238, 5.1452, 27.2664



50.7251, -14.5529, 26.7687

Triad

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



50.7251, 5.1428, 27.2669



50.7251, -34.5009, -10.5467



50.7251, 29.8666, -28.1849

Complementary

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



50.7238, 5.1452, 27.2664



35.8358, 6.1227, -45.7676

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.



50.7251, 10.3317, -46.1728



50.7238, 5.1452, 27.2664



50.7251, -25.8864, -33.5457

Square

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



50.7251, 5.1428, 27.2669



50.7251, -35.4428, 9.4919



50.7251, -10.1110, -48.4477



50.7251, 41.2526, -5.0407

Rectangle

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



50.7238, 5.1452, 27.2664



50.7251, -24.7640, 23.9610



50.7251, -10.1110, -48.4477



50.7251, 23.9060, -35.3669

Sweetspot

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



50.7251, 5.1428, 27.2669



81.8771, -3.0623, 18.6235



35.7822, 44.9399, 2.5337



37.7301, -1.2747, 9.3711



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



50.7251, 5.1428, 27.2669



64.6281, 11.9618, 38.2708



62.4290, -20.4881, 34.7949



30.6091, -1.4995, 4.0119



39.0418, 11.1022, 24.2517



7.6583, 0.5839, 4.7292

Inverse Universe

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



35.8358, 6.1227, -45.7676



41.3661, 16.2742, -80.9995



26.4775, 31.5706, -75.1076



29.5405, -1.6025, -0.9052



22.7377, 16.6128, -64.2825



5.2586, 0.4035, -7.4439

Previews

White Background



This preview shows how the HunterLab color 50.7238, 5.1452, 27.2664 looks on a white background.

Color Contrast Check

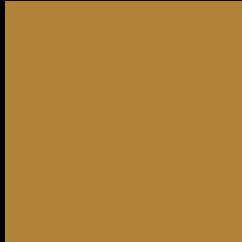
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7238, 5.1452, 27.2664 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 50.7238, 5.1452, 27.2664 Background



This preview shows how black text looks on a background with the HunterLab color 50.7238, 5.1452, 27.2664.



This preview shows how white text looks on a background with the HunterLab color 50.7238, 5.1452,

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

50.7238, 5.1452, 27.2664

Protanopia

50.7142, -6.1631, 26.7679

Deuteranopia

50.6489, 3.5264, 27.1859



Tritanopia

50.6514, 18.1537, 5.9761

Trichromacy



Original Color

50.7238, 5.1452, 27.2664

Protanomaly

50.6662, -2.0058, 26.9556

Deuteranomaly

50.7617, 3.9046, 27.2711

Tritanomaly

50.5024, 12.5303, 15.9631

Monochromacy



Original Color

50.7238, 5.1452, 27.2664

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.6690, -1.0683, 14.3102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7238, 5.1452, 27.2664 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(176, 131, 54)` looks like.

```
.text, #text, p{  
    color:rgb(176, 131, 54)  
}
```

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(176, 131, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 131, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7238, 5.1452, 27.2664 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(176, 131, 54) }
```


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

```
.border{ border-color:rgb(176, 131, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 131, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 131, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 131, 54);  
box-shadow:4px 4px 4px 4px rgb(176, 131,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7238, 5.1452, 27.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 131, 54) }
```

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

```
.background{ background-color: rgb(176,  
131, 54) }
```

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