

Converting Colors

HunterLab(47.6253, 5.0444,
27.7356)

Have a look what the booklet for
HunterLab(47.6253, 5.0444,
27.7356) contains.

HunterLab(47.5342, 5.0324, 27.6740)	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(47.5342, 5.0324,
27.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	A87B20
RGB	168, 123, 32
RGB Percent	66%, 48%, 13%
CMY	0.3412, 0.5176, 0.8745
CMYK	0.00, 0.27, 0.81, 0.34
HSL	40°, 68%, 39%
HSV	40°, 81%, 66%
XYZ	23.4921, 22.5950, 4.4896
YIQ	126.0810, 56.0310, -18.7610

Conversions

Conversions Part 2

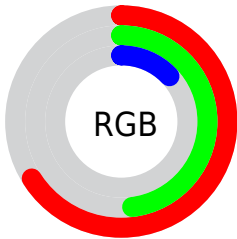
Format	Color
RYB	99, 168, 32
Decimal	11041568
CIELab	54.65, 9.24, 52.72
CIELCh	55, 53.524, 80.055
Yxy	22.5961, 0.4645, 0.4468
Android (android.graphics.Color)	4289231648 (0xFFA87B20)
YUV	126.0810, -46.3819, 36.7630
Hunter-Lab	47.5342, 5.0324, 27.6740

Details

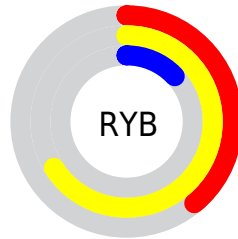
The HunterLab color **47.5342, 5.0324, 27.6740** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **29.0547, 12.5398, -57.4734**, and the grayscale version is **45.8698, -2.4475, 2.4922**.

A 20% lighter version of the original color is **69.0152, 4.9446, 35.4078**, and **29.0029, 5.0769, 17.9603** is the 20% darker color. If you saturate the color by 10%, you get **46.0290, 7.2835, 27.8984**, and if you desaturate by 10%, it is **49.1228, 3.0306, 26.8413**.

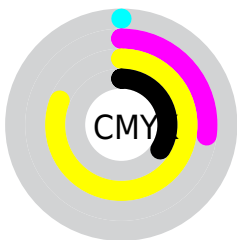
Distribution



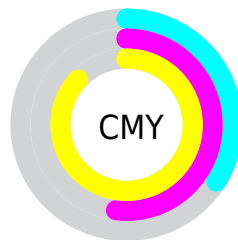
- Red (66%)
- Green (48%)
- Blue (13%)



- Red (39%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (81%)
- Black (34%)



- Cyan (34%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5342, 5.0324, 27.6740 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 47.5342, 5.0324, 27.6740 by changing the saturation by 10% instead.

47.5342, 5.0324,
27.6740

47.5342, 5.0324,
27.6740

162.9858, 2.5171,
58.2414

37.8095, 5.0283,
23.4906

69.0864, 4.8269,
35.3802

28.8557, 4.9439,
19.1894

80.8274, 4.6363,
38.9707

20.7475, 4.7615,
14.5233

93.1672, 4.3935,
42.4232

13.5844, 4.4580,
9.5091

106.0779, 4.1026,
45.7591

7.1778, 5.2284,
5.0245

119.5354, 3.7668,
48.9959

0.0000, NaN, NaN

0.0000, NaN, NaN

133.5182, 3.3891,

52.1477

0.0000, NaN, NaN

148.0074, 2.9718,
55.2263

0.0000, NaN, NaN

47.5342, 5.0324,
27.6740

47.5342, 5.0324,
27.6740

46.0290, 7.2835,
27.8984

49.1228, 3.0306,
26.8413

44.7271, 9.4807,
27.7266

50.7909, 1.3022,
25.3745

52.5383, -0.1479,
23.2718

54.3627, -1.3188,
20.5451

56.2614, -2.2148,
17.2158

■ 58.2313, -2.8434,
13.3109

■ 60.2693, -3.2145,
8.8608

■ 62.3724, -3.3394,
3.8971

■ 64.5372, -3.2304,
-1.5480

Harmonies

Analogous

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



47.5354, 27.9593, 24.3256



47.5342, 5.0324, 27.6740



47.5354, -16.2595, 27.0596

Triad

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



47.5354, 5.0300, 27.6744



47.5354, -36.2512, -13.4787



47.5354, 34.6512, -31.3994

Complementary

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



47.5342, 5.0324, 27.6740



29.0547, 12.5398, -57.4734

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.



47.5354, 12.9393, -53.2509



47.5342, 5.0324, 27.6740



47.5354, -26.8756, -40.0436

Square

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



47.5354, 5.0300, 27.6744



47.5354, -37.5902, 9.0567



47.5354, -9.6621, -56.9855



47.5354, 47.0133, -4.9420

Rectangle

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



47.5342, 5.0324, 27.6740



47.5354, -26.9247, 24.3037



47.5354, -9.6621, -56.9855



47.5354, 28.0367, -39.9546

Sweetspot

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



47.5354, 5.0300, 27.6744



77.5063, -3.5750, 19.8526



31.4619, 47.1577, 6.8636



35.7613, -1.5329, 10.1054



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.



47.5354, 5.0300, 27.6744



60.4904, 12.3976, 37.3057



58.4460, -22.8766, 34.2272



28.8951, -1.5502, 3.8469



38.9923, 7.9998, 24.1669



6.7655, 0.0089, 4.1690

Inverse Universe

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



29.0547, 12.5398, -57.4734



32.3646, 29.1745, -102.6986



21.5946, 37.7763, -87.7441



27.7326, -1.3718, -0.9331



20.7990, 18.8098, -66.6018



4.4549, 0.3425, -6.3076

Previews

White Background



This preview shows how the HunterLab color 47.5342, 5.0324, 27.6740 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 47.5342, 5.0324, 27.6740 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 47.5342, 5.0324, 27.6740 Background



This preview shows how black text looks on a background with the HunterLab color 47.5342, 5.0324, 27.6740.



This preview shows how white text looks on a background with the HunterLab color 47.5342, 5.0324,

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

47.5342, 5.0324, 27.6740

Protanopia

47.4880, -6.2822, 27.2624

Deuteranopia

47.4485, 3.3854, 27.6769



Tritanopia

47.5140, 18.0565, 6.2108

Trichromacy



Original Color

47.5342, 5.0324, 27.6740

Protanomaly

47.4518, -2.1214, 27.4046

Deuteranomaly

47.5618, 3.7650, 27.7573

Tritanomaly

47.2789, 12.0958, 17.2146

Monochromacy



Original Color

47.5342, 5.0324, 27.6740

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.9376, -1.7058, 15.2084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5342, 5.0324, 27.6740 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, 123, 32)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 32)  
}
```

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, 123, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5342, 5.0324, 27.6740 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, 123, 32) }
```


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

```
.border{ border-color:rgb(168, 123, 32) }
```

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

Here you see how a box with a 4 pixel rgb(168, 123, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 32);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5342, 5.0324, 27.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 32) }
```

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

```
.background{ background-color: rgb(168,  
123, 32) }
```

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