

Converting Colors

HunterLab(47.1584, -36.0855,
26.1216)

Have a look what the booklet for
HunterLab(47.1584, -36.0855,
26.1216) contains.

HunterLab(47.1584, -36.0855, 26.1216)	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(47.1584,
-36.0855, 26.1216)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9526
RGB	47, 149, 38
RGB Percent	18%, 58%, 15%
CMY	0.8157, 0.4157, 0.8510
CMYK	0.68, 0.00, 0.74, 0.42
HSL	115°, 59%, 37%
HSV	115°, 74%, 58%
XYZ	12.2696, 22.2391, 5.4796
YIQ	105.8480, -25.1610, -56.1450

Conversions

Conversions Part 2

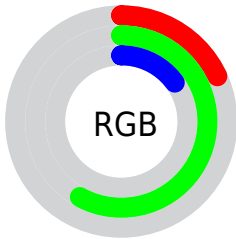
Format	Color
R_{YB}	38, 149, 140
Decimal	3118374
CIE _{Lab}	54.28, -50.23, 47.33
CIE _{LCh}	54, 69.019, 136.704
Yxy	22.2401, 0.3068, 0.5561
Android (android.graphics.Color)	4281308454 (0xFF2F9526)
YUV	105.8480, -33.4491, -51.6097
Hunter-Lab	47.1584, -36.0855, 26.1216

Details

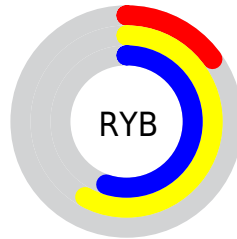
The HunterLab color $47.1584, -36.0855, 26.1216$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $30.2202, 47.1422, -36.3407$, and the grayscale version is $38.0371, -2.0296, 2.0666$.

A 20% lighter version of the original color is $68.5928, -43.2646, 33.1481$, and $29.2393, -25.0727, 17.5782$ is the 20% darker color. If you saturate the color by 10%, you get $46.7830, -37.8370, 27.1308$, and if you desaturate by 10%, it is $47.6805, -33.6730, 24.6171$.

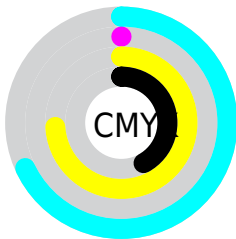
Distribution



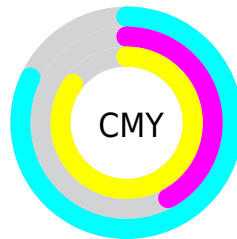
- Red (18%)
- Green (58%)
- Blue (15%)



- Red (15%)
- Yellow (58%)
- Blue (55%)



- Cyan (68%)
- Magenta (0%)
- Yellow (74%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1584, -36.0855, 26.1216 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 47.1584, -36.0855, 26.1216 by changing the saturation by 10% instead.

■ 47.1584, -36.0855,
26.1216

■ 47.1584, -36.0855,
26.1216

162.4184,
-64.5188, 54.0158

■ 37.4612, -32.1959,
22.3167

■ 68.6604, -43.2064,
33.1228

■ 28.5375, -27.9902,
18.2661

■ 80.3785, -46.5266,
36.3886

■ 20.4626, -23.3486,
14.3238

■ 92.6964, -49.7268,
39.5334

■ 13.3372, -19.6412,
9.3360

■ 105.5863,
-52.8279, 42.5770

■ 6.8841, -12.0472,
4.8189

■ 119.0238,
-55.8461, 45.5353

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 132.9874,

-58.7940, 48.4212

0.0000, NaN, NaN

147.4580,
-61.6822, 51.2451

0.0000, NaN, NaN

■ 47.1584, -36.0855,
26.1216

■ 47.1584, -36.0855,
26.1216

■ 46.7830, -37.8370,
27.1308

■ 47.6805, -33.6730,
24.6171

■ 46.5387, -38.9699,
27.6946

■ 48.3549, -30.5814,
22.5934

■ 46.4483, -39.3940,
27.9316

■ 49.1877, -26.8185,
20.0472

■ 50.1812, -22.4112,
16.9915

■ 51.3354, -17.4011,
13.4526

■ 52.6479, -11.8408,
9.4659

■ 54.1148, -5.7890,
5.0732

■ 55.7308, 0.6932,
0.3194

■ 57.4897, 7.5456,
-4.7504

Harmonies

Analogous

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



47.1594, -17.2307, 30.1543



47.1584, -36.0855, 26.1216



47.1594, -44.8119, 13.0324

Triad

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



47.1594, -36.0862, 26.1218



47.1594, -14.4484, -81.3114



47.1594, 62.1229, 15.2054

Complementary

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



47.1584, -36.0855, 26.1216



30.2202, 47.1422, -36.3407

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.



47.1594, 63.3759, -11.0329



47.1584, -36.0855, 26.1216



47.1594, 14.2518, -79.3876

Square

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



47.1594, -36.0862, 26.1218



47.1594, -34.4674, -53.1620



47.1594, 44.2491, -48.8579



47.1594, 41.1488, 26.9028

Rectangle

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



47.1584, -36.0855, 26.1216



47.1594, -45.4695, -3.9190



47.1594, 44.2491, -48.8579



47.1594, 65.0118, 8.2454

Sweetspot

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



47.1594, -36.0862, 26.1218



69.0400, -21.8199, 16.9567



50.2134, -9.3583, 28.6118



32.3123, -11.0808, 8.5591



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.1594, -36.0862, 26.1218



62.3799, -51.6805, 36.8443



47.4889, -33.6494, 18.1364



25.4746, -4.1462, 3.4280



42.6183, -36.1096, 25.6291



4.7619, -3.7954, 2.8678

Inverse Universe

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



30.2202, 47.1422, -36.3407



37.5713, 70.9357, -55.9639



29.5815, 41.9070, -6.6275



24.2601, 1.6136, -0.8343



25.1060, 50.2689, -40.1650



2.8782, 5.7056, -4.1604

Previews

White Background



This preview shows how the HunterLab color 47.1584, -36.0855, 26.1216 looks on a white background.

Color Contrast Check

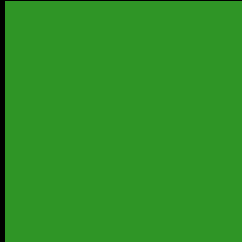
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1584, -36.0855, 26.1216 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 47.1584, -36.0855, 26.1216 Background



This preview shows how black text looks on a background with the HunterLab color 47.1584, -36.0855, 26.1216.



This preview shows how white text looks on a background with the HunterLab color 47.1584,

-36.0855, 26.1216.

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

47.1584, -36.0855, 26.1216

Protanopia

46.7227, -6.1134, 26.8574

Deuteranopia

46.8666, 3.0516, 25.2564



Tritanopia

47.0777, -15.5048, -7.6015

Trichromacy



Original Color

47.1584, -36.0855, 26.1216

Protanomaly

45.8049, -20.0899, 25.8148

Deuteranomaly

45.4808, -14.9486, 24.5270

Tritanomaly

46.7684, -25.5001, 10.0305

Monochromacy



Original Color

47.1584, -36.0855, 26.1216

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

40.5517, -17.3032, 13.3032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1584, -36.0855, 26.1216 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(47, 149, 38)` looks like.

```
.text, #text, p{  
    color:rgb(47, 149, 38)  
}
```

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(47, 149, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 149, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1584, -36.0855, 26.1216 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(47, 149, 38) }
```


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

```
.border{ border-color:rgb(47, 149, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 149, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 149, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 149, 38);  
box-shadow:4px 4px 4px 4px rgb(47, 149,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1584, -36.0855, 26.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 149, 38) }
```

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

```
.background{ background-color: rgb(47, 149,  
38) }
```

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