

Converting Colors

HunterLab(47.2403, -24.5569,
17.3640)

Have a look what the booklet for
HunterLab(47.2403, -24.5569,
17.3640) contains.

HunterLab(47.2350, -24.5387, 17.3584)	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(47.2350,
-24.5387, 17.3584)**

Conversions

Conversions Part 1

Format	Color
Hex	568F57
RGB	86, 143, 87
RGB Percent	34%, 56%, 34%
CMY	0.6627, 0.4392, 0.6588
CMYK	0.40, 0.00, 0.39, 0.44
HSL	121°, 25%, 45%
HSV	121°, 40%, 56%
XYZ	15.3805, 22.3115, 12.5127
YIQ	119.5730, -15.9960, -29.5000

Conversions

Conversions Part 2

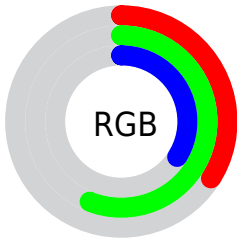
Format	Color
R_{YB}	86, 142, 143
Decimal	5672791
CIE _{Lab}	54.36, -30.79, 24.07
CIE _{LCh}	54, 39.082, 141.988
Yxy	22.3124, 0.3064, 0.4444
Android (android.graphics.Color)	4283862871 (0xFF568F57)
YUV	119.5730, -16.0585, -29.4435
Hunter-Lab	47.2350, -24.5387, 17.3584

Details

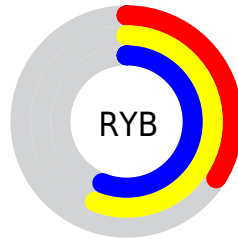
The HunterLab color $47.2350, -24.5387, 17.3584$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.0114, 25.2330, -16.0542$, and the grayscale version is $43.2382, -2.3071, 2.3492$.

A 20% lighter version of the original color is $68.6600, -29.2597, 21.3586$, and $28.5741, -19.3744, 13.1026$ is the 20% darker color. If you saturate the color by 10%, you get $46.3599, -28.4803, 20.0174$, and if you desaturate by 10%, it is $48.2834, -19.9358, 14.2685$.

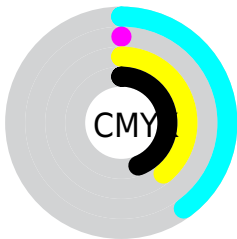
Distribution



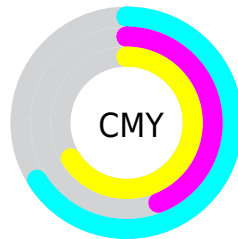
- Red (34%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2350, -24.5387, 17.3584 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 47.2350, -24.5387, 17.3584 by changing the saturation by 10% instead.

■ 47.2350, -24.5387,
17.3584

■ 47.2350, -24.5387,
17.3584

162.5341,
-43.9175, 33.9331

■ 37.5321, -22.0442,
15.2660

■ 68.7472, -29.2066,
21.2973

■ 28.6023, -19.3887,
13.0492

■ 80.4700, -31.4268,
23.1824

■ 20.5206, -16.5047,
10.6570

■ 92.7924, -33.5928,
25.0288

■ 13.3875, -13.3083,
9.1590

■ 105.6865,
-35.7154, 26.8455

■ 6.9450, -12.1538,
4.8615

■ 119.1281,
-37.8032, 28.6394

0.0000, NaN, NaN

0.0000, NaN, NaN

133.0956,

-39.8627, 30.4159

0.0000, NaN, NaN

147.5700,
-41.8994, 32.1793

0.0000, NaN, NaN

■ 47.2350, -24.5387,
17.3584

■ 47.2350, -24.5387,
17.3584

■ 46.3599, -28.4803,
20.0174

■ 48.2834, -19.9358,
14.2685

■ 45.6533, -31.7230,
22.2195

■ 49.5013, -14.7204,
10.7816

■ 45.1108, -34.2538,
23.9538

■ 50.8863, -8.9550,
6.9397

■ 44.7236, -36.0847,
25.2260

■ 52.4334, -2.7066,
2.7879

■ 44.4780, -37.2583,
26.0612

■ 54.1362, 3.9568,
-1.6288

■ 44.3317, -37.9592,
26.5485

■ 55.9872, 10.9699,
-6.2670

■ 44.3298, -37.9685,
26.5547

■ 57.9786, 18.2723,
-11.0872

■ 60.1021, 25.8104,
-16.0539

■ 62.3496, 33.5373,
-21.1367

Harmonies

Analogous

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



47.2360, -13.5728, 22.5494



47.2350, -24.5387, 17.3584



47.2360, -29.4552, 6.4975

Triad

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



47.2360, -24.5395, 17.3588



47.2360, -6.7643, -36.9165



47.2360, 29.7768, 12.3289

Complementary

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



47.2350, -24.5387, 17.3584



38.0114, 25.2330, -16.0542

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.



47.2360, 32.2400, -1.7241



47.2350, -24.5387, 17.3584



47.2360, 9.6465, -33.7364

Square

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



47.2360, -24.5395, 17.3588



47.2360, -20.1291, -27.0441



47.2360, 24.4509, -19.4189



47.2360, 18.1118, 20.3971

Rectangle

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



47.2350, -24.5387, 17.3584



47.2360, -29.1706, -3.9696



47.2360, 24.4509, -19.4189



47.2360, 31.7660, 8.2926

Sweetspot

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



47.2360, -24.5395, 17.3588



67.6323, -13.8918, 10.5570



51.0619, -10.1198, 21.0640



32.2848, -7.0777, 5.3386



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



47.2360, -24.5395, 17.3588



62.1290, -37.7017, 26.5095



47.8252, -21.0605, 8.8237



24.5577, -4.1146, 3.2104



41.6834, -35.6990, 24.9632



4.0788, -3.4718, 2.3965

Inverse Universe

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



38.0114, 25.2330, -16.0542



47.3868, 42.3403, -27.1980



37.0139, 20.4290, -2.1213



23.4722, 1.6794, -0.6821



26.1737, 51.2697, -33.0582



2.5658, 5.0360, -3.3178

Previews

White Background



This preview shows how the HunterLab color 47.2350, -24.5387, 17.3584 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 47.2350, -24.5387, 17.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

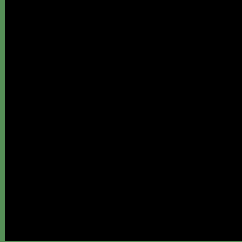
Any Text WCAG AA ✓ Pass

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 47.2350, -24.5387, 17.3584 Background



This preview shows how black text looks on a background with the HunterLab color 47.2350, -24.5387, 17.3584.



This preview shows how white text looks on a background with the HunterLab color 47.2350,

-24.5387, 17.3584.

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

47.2350, -24.5387, 17.3584

Protanopia

46.8748, -4.5081, 18.7082

Deuteranopia

46.9475, 3.0946, 16.4834



Tritanopia

47.2351, -10.4544, -5.7255

Trichromacy



Original Color

47.2350, -24.5387, 17.3584

Protanomaly

46.6425, -12.6986, 17.8567

Deuteranomaly

46.5166, -8.4368, 16.1866

Tritanomaly

47.2500, -16.3859, 4.4824

Monochromacy



Original Color

47.2350, -24.5387, 17.3584

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.3950, -10.9060, 8.2177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2350, -24.5387, 17.3584 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(86, 143, 87)` looks like.

```
.text, #text, p{  
    color:rgb(86, 143, 87)  
}
```

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(86, 143, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 143, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2350, -24.5387, 17.3584 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(86, 143, 87) }
```


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

```
.border{ border-color:rgb(86, 143, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 143, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 143, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 143, 87);  
box-shadow:4px 4px 4px 4px rgb(86, 143,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2350, -24.5387, 17.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 143, 87) }
```

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

```
.background{ background-color: rgb(86, 143,  
87) }
```

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