

Converting Colors

HunterLab(47.3850, -24.5891,
24.9950)

Have a look what the booklet for
HunterLab(47.3850, -24.5891,
24.9950) contains.

HunterLab(47.4635, -24.6044, 25.0465)	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(47.4635,
-24.6044, 25.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	638F32
RGB	99, 143, 50
RGB Percent	39%, 56%, 20%
CMY	0.6118, 0.4392, 0.8039
CMYK	0.31, 0.00, 0.65, 0.44
HSL	88°, 48%, 38%
HSV	88°, 65%, 56%
XYZ	15.5438, 22.5278, 6.5467
YIQ	119.2420, 3.6290, -38.2510

Conversions

Conversions Part 2

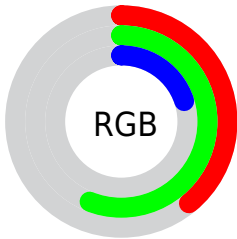
Format	Color
RYB	50, 143, 94
Decimal	6524722
CIELab	54.58, -30.81, 43.34
CIELCh	55, 53.176, 125.407
Yxy	22.5288, 0.3484, 0.5049
Android (android.graphics.Color)	4284714802 (0xFF638F32)
YUV	119.2420, -34.1363, -17.7522
Hunter-Lab	47.4635, -24.6044, 25.0465

Details

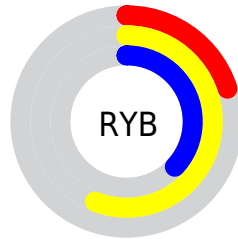
The HunterLab color $47.4635, -24.6044, 25.0465$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $25.7774, 29.0918, -43.3807$, and the grayscale version is $43.1723, -2.3036, 2.3456$.

A 20% lighter version of the original color is $69.0249, -29.1137, 31.4476$, and $28.7378, -19.2381, 17.3713$ is the 20% darker color. If you saturate the color by 10%, you get $46.9668, -26.8031, 26.3944$, and if you desaturate by 10%, it is $48.0306, -22.0899, 23.1659$.

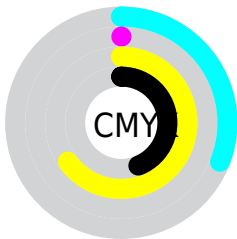
Distribution



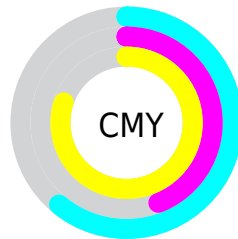
- Red (39%)
- Green (56%)
- Blue (20%)



- Red (20%)
- Yellow (56%)
- Blue (37%)



- Cyan (31%)
- Magenta (0%)
- Yellow (65%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4635, -24.6044, 25.0465 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 47.4635, -24.6044, 25.0465 by changing the saturation by 10% instead.

■ 47.4635, -24.6044,
25.0465

■ 47.4635, -24.6044,
25.0465

162.8790,
-43.9816, 50.9203

■ 37.7439, -22.1120,
21.5409

■ 69.0062, -29.2706,
31.5040

■ 28.7957, -19.4595,
17.7907

■ 80.7429, -31.4903,
34.5231

■ 20.6938, -16.5803,
14.4856

■ 93.0785, -33.6561,
37.4356

■ 13.5378, -13.3745,
9.4764

■ 105.9853,
-35.7787, 40.2595

■ 7.1235, -12.4661,
4.9864

■ 119.4390,
-37.8665, 43.0094

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.4183,

-39.9262, 45.6968

0.0000, NaN, NaN

147.9040,
-41.9632, 48.3312

0.0000, NaN, NaN

■ 47.4635, -24.6044,
25.0465

■ 47.4635, -24.6044,
25.0465

■ 46.9668, -26.8031,
26.3944

■ 48.0306, -22.0899,
23.1659

■ 46.5347, -28.6892,
27.2431

■ 48.6666, -19.2565,
20.7310

■ 46.1637, -30.2821,
27.6538

■ 49.3737, -16.1109,
17.7327

■ 45.9951, -31.0056,
27.7992

■ 50.1520, -12.6628,
14.1707

■ 51.0015, -8.9253,
10.0526

■ 51.9215, -4.9139,
5.3925

■ 52.9109, -0.6459,
0.2094

■ 53.9684, 3.8603,
-5.4739

■ 55.0922, 8.5858,
-11.6319

Harmonies

Analogous

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



47.4645, -6.4486, 27.6991



47.4635, -24.6044, 25.0465



47.4645, -35.1509, 16.4446

Triad

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



47.4645, -24.6055, 25.0468



47.4645, -18.8608, -50.3735



47.4645, 47.2409, 6.2147

Complementary

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



47.4635, -24.6044, 25.0465



25.7774, 29.0918, -43.3807

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.



47.4645, 42.2846, -17.3573



47.4635, -24.6044, 25.0465



47.4645, 1.5094, -57.3233

Square

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



47.4645, -24.6055, 25.0468



47.4645, -32.2809, -27.0772



47.4645, 24.4900, -43.1994



47.4645, 37.0164, 20.4612

Rectangle

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



47.4635, -24.6044, 25.0465



47.4645, -37.7174, 5.6891



47.4645, 24.4900, -43.1994



47.4645, 47.3129, -0.7470

Sweetspot

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



47.4645, -24.6055, 25.0468



67.6255, -14.6861, 16.5137



37.3763, 10.3055, 18.4241



32.2489, -7.6291, 8.5586



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.



47.4645, -24.6055, 25.0468



62.5731, -37.0835, 35.9244



45.4267, -32.8455, 23.4777



24.8201, -3.1830, 3.5586



43.2633, -29.0948, 26.1493



4.3826, -2.2330, 2.6615

Inverse Universe

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



25.7774, 29.0918, -43.3807



29.0293, 47.9362, -76.3232



31.3557, 41.3226, -29.0955



23.1781, 0.6942, -1.1273



16.8574, 39.2704, -69.7391



2.0031, 4.2672, -5.1934

Previews

White Background



This preview shows how the HunterLab color 47.4635, -24.6044, 25.0465 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 47.4635, -24.6044, 25.0465 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 47.4635, -24.6044, 25.0465 Background



This preview shows how black text looks on a background with the HunterLab color 47.4635, -24.6044, 25.0465.



This preview shows how white text looks on a background with the HunterLab color 47.4635, -24.6044, 25.0465.

-24.6044, 25.0465.

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

47.4635, -24.6044, 25.0465

Protanopia

47.0980, -6.0431, 25.6619

Deuteranopia

47.1995, 2.9435, 24.4359



Tritanopia

47.4432, -6.8701, -3.8602

Trichromacy



Original Color

47.4635, -24.6044, 25.0465

Protanomaly

47.0344, -13.6982, 25.3525

Deuteranomaly

46.7998, -8.4268, 24.2688

Tritanomaly

47.0563, -14.7378, 10.1508

Monochromacy



Original Color

47.4635, -24.6044, 25.0465

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.3748, -11.5990, 12.9914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4635, -24.6044, 25.0465 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(99, 143, 50)` looks like.

```
.text, #text, p{  
    color:rgb(99, 143, 50)  
}
```

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(99, 143, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 143, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4635, -24.6044, 25.0465 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(99, 143, 50) }
```


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

```
.border{ border-color:rgb(99, 143, 50) }
```

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

Here you see how a box with a 4 pixel rgb(99, 143, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 143, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 143, 50);  
box-shadow:4px 4px 4px 4px rgb(99, 143,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4635, -24.6044, 25.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 143, 50) }
```

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

```
.background{ background-color: rgb(99, 143,  
50) }
```

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