

Converting Colors

HunterLab(48.8818, -28.5899,
25.2222)

Have a look what the booklet for
HunterLab(48.8818, -28.5899,
25.2222) contains.

HunterLab(48.9330, -28.5313, 25.2734)	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(48.9330,
-28.5313, 25.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9537
RGB	90, 149, 55
RGB Percent	35%, 58%, 22%
CMY	0.6471, 0.4157, 0.7843
CMYK	0.40, 0.00, 0.63, 0.42
HSL	98°, 46%, 40%
HSV	98°, 63%, 58%
XYZ	15.6535, 23.9444, 7.4111
YIQ	120.6430, -4.9900, -41.7420

Conversions

Conversions Part 2

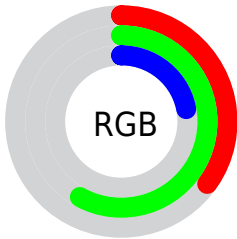
Format	Color
R_{YB}	55, 149, 114
Decimal	5936439
CIE _{Lab}	56.03, -36.41, 42.53
CIE _{LCh}	56, 55.993, 130.568
Y _{xy}	23.9454, 0.3330, 0.5094
Android (android.graphics.Color)	4284126519 (0xFF5A9537)
YUV	120.6430, -32.3620, -26.8739
Hunter-Lab	48.9330, -28.5313, 25.2734

Details

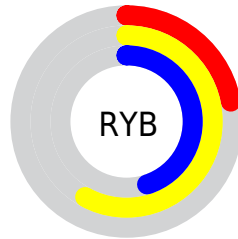
The HunterLab color $48.9330, -28.5313, 25.2734$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $29.1212, 33.2063, -39.3675$, and the grayscale version is $43.7119, -2.3324, 2.3750$.

A 20% lighter version of the original color is $70.8206, -33.9661, 31.6291$, and $30.1835, -22.6888, 18.2017$ is the 20% darker color. If you saturate the color by 10%, you get $48.3566, -31.1150, 26.7798$, and if you desaturate by 10%, it is $49.6079, -25.5196, 23.2153$.

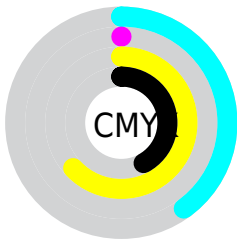
Distribution



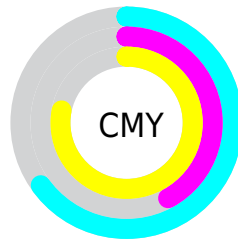
- Red (35%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (45%)



- Cyan (40%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9330, -28.5313, 25.2734 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 48.9330, -28.5313, 25.2734 by changing the saturation by 10% instead.

■ 48.9330, -28.5313,
25.2734

■ 48.9330, -28.5313,
25.2734

165.0892,
-50.3834, 50.6300

■ 39.1064, -25.6719,
21.8581

■ 70.6690, -33.8541,
31.5784

■ 30.0423, -22.6183,
18.2090

■ 82.4944, -36.3723,
34.5322

■ 21.8122, -19.2943,
14.8219

■ 94.9145, -38.8205,
37.3850

■ 14.5115, -15.5779,
10.1580

■ 107.9020,
-41.2119, 40.1541

■ 8.1725, -14.3019,
5.7208

■ 121.4331,
-43.5566, 42.8531

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.4869,

-45.8627, 45.4931

0.0000, NaN, NaN

150.0446,
-48.1365, 48.0829

0.0000, NaN, NaN

■ 48.9330, -28.5313,
25.2734

■ 48.9330, -28.5313,
25.2734

■ 48.3566, -31.1150,
26.7798

■ 49.6079, -25.5196,
23.2153

■ 47.8724, -33.2692,
27.7631

■ 50.3798, -22.0848,
20.5910

■ 47.4771, -35.0082,
28.2728

■ 51.2503, -18.2431,
17.3998

■ 47.2458, -36.0216,
28.4820

■ 52.2190, -14.0155,
13.6512

■ 53.2848, -9.4273,
9.3634

■ 54.4459, -4.5065,
4.5605

■ 55.6999, 0.7172,
-0.7282

■ 57.0440, 6.2142,
-6.4711

■ 58.4751, 11.9549,
-12.6345

Harmonies

Analogous

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



48.9341, -10.5816, 28.8006



48.9330, -28.5313, 25.2734



48.9341, -38.1754, 14.8530

Triad

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



48.9341, -28.5323, 25.2737



48.9341, -16.6780, -57.1882



48.9341, 49.8301, 9.8696

Complementary

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



48.9330, -28.5313, 25.2734



29.1212, 33.2063, -39.3675

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.



48.9341, 47.3550, -13.7900



48.9330, -28.5313, 25.2734



48.9341, 5.8992, -60.7038

Square

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



48.9341, -28.5323, 25.2737



48.9341, -32.2724, -34.0673



48.9341, 30.1568, -42.1780



48.9341, 36.3933, 23.0998

Rectangle

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



48.9330, -28.5313, 25.2734



48.9341, -39.9145, 2.2383



48.9341, 30.1568, -42.1780



48.9341, 50.8856, 3.0851

Sweetspot

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



48.9341, -28.5323, 25.2737



70.3925, -16.5375, 16.2271



42.9758, 3.6523, 21.5585



32.9675, -8.5213, 8.3183



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.



48.9341, -28.5323, 25.2737



64.4072, -42.9928, 36.5063



47.6458, -33.5301, 22.3641



25.6268, -3.6020, 3.6037



43.3610, -32.9693, 26.1417



4.9591, -2.9825, 3.0036

Inverse Universe

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



29.1212, 33.2063, -39.3675



33.7136, 54.0597, -67.8314



33.1036, 41.0222, -21.9735



24.0881, 1.0339, -1.0634



19.5585, 42.8318, -59.7434



2.5232, 5.2070, -5.2365

Previews

White Background



This preview shows how the HunterLab color 48.9330, -28.5313, 25.2734 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 48.9330, -28.5313, 25.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

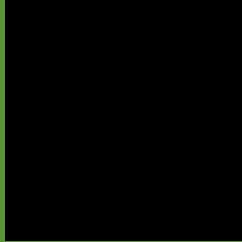
Any Text WCAG AA ✓ Pass

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 48.9330, -28.5313, 25.2734 Background



This preview shows how black text looks on a background with the HunterLab color 48.9330, -28.5313, 25.2734.



This preview shows how white text looks on a background with the HunterLab color 48.9330, -28.5313, 25.2734.

-28.5313, 25.2734.

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

48.9330, -28.5313, 25.2734

Protanopia

48.6608, -6.2265, 26.0595

Deuteranopia

48.5035, 3.3539, 24.3754



Tritanopia

48.9835, -9.9616, -5.4296

Trichromacy



Original Color

48.9330, -28.5313, 25.2734

Protanomaly

48.2725, -15.1272, 25.4902

Deuteranomaly

48.0073, -9.8921, 24.2986

Tritanomaly

48.5955, -18.0786, 9.4686

Monochromacy



Original Color

48.9330, -28.5313, 25.2734

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.1782, -13.0624, 12.7681

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9330, -28.5313, 25.2734 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(90, 149, 55)` looks like.

```
.text, #text, p{  
    color:rgb(90, 149, 55)  
}
```

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(90, 149, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 149, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9330, -28.5313, 25.2734 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(90, 149, 55) }
```


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

```
.border{ border-color:rgb(90, 149, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 149, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 149, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 149, 55);  
box-shadow:4px 4px 4px 4px rgb(90, 149,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9330, -28.5313, 25.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 149, 55) }
```

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

```
.background{ background-color: rgb(90, 149,  
55) }
```

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