

Converting Colors

HunterLab(59.2781, -12.7857,
29.9985)

Have a look what the booklet for
HunterLab(59.2781, -12.7857,
29.9985) contains.

HunterLab(59.2781, -12.7857, 29.9985)	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(59.2781,
-12.7857, 29.9985)**

Conversions

Conversions Part 1	
Format	Color
Hex	A6A449
RGB	166, 164, 73
RGB Percent	65%, 64%, 29%
CMY	0.3490, 0.3568, 0.7137
CMYK	0.00, 0.01, 0.56, 0.35
HSL	59°, 39%, 47%
HSV	59°, 56%, 65%
XYZ	30.2039, 35.1389, 11.4939
YIQ	154.2240, 30.4030, -27.8770

Conversions

Conversions Part 2

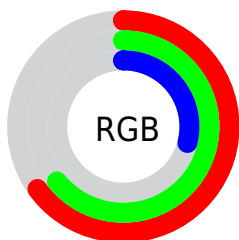
Format	Color
RYB	75, 166, 73
Decimal	10921033
CIELab	65.86, -11.63, 46.61
CIELCh	66, 48.040, 104.011
Yxy	35.1406, 0.3931, 0.4573
Android (android.graphics.Color)	4289111113 (0xFFA6A449)
YUV	154.2240, -40.0434, 10.3276
Hunter-Lab	59.2781, -12.7857, 29.9985

Details

The HunterLab color **59.2781, -12.7857, 29.9985** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30.3340, 18.3921, -51.4998**, and the grayscale version is **57.0864, -3.0460, 3.1016**.

A 20% lighter version of the original color is **82.3600, -15.2515, 36.5155**, and **38.8376, -10.0438, 22.7454** is the 20% darker color. If you saturate the color by 10%, you get **59.0099, -13.5418, 32.3133**, and if you desaturate by 10%, it is **59.5975, -11.7637, 26.9828**.

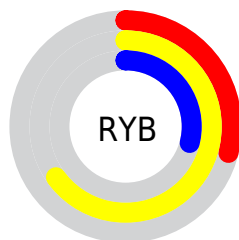
Distribution



Red (65%)

Green (64%)

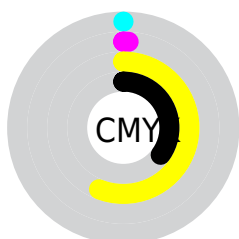
Blue (29%)



Red (29%)

Yellow (65%)

Blue (29%)

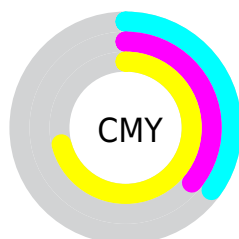


Cyan (0%)

Magenta (1%)

Yellow (56%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.2781, -12.7857, 29.9985 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 59.2781, -12.7857, 29.9985 by changing the saturation by 10% instead.


 59.2781, -12.7857,
29.9985


 59.2781, -12.7857,
29.9985

180.3298,
-23.8175, 56.5650

 48.7557, -11.5770,
26.4894


 82.2821, -15.1979,
36.5412


 38.9409, -10.3540,
22.7734


 94.6920, -16.4057,
39.6276


 29.8907, -9.1079,
18.8069


 107.6698,
-17.6189, 42.6178

 21.6760, -7.8212,
15.1732

 121.1916,
-18.8394, 45.5267

 14.3926, -6.4627,
10.0748

 135.2364,
-20.0685, 48.3667

 8.0530, -6.7235,
5.6371

149.7853,


0.0000, NaN, NaN


-21.3074, 51.1477


0.0000, NaN, NaN


164.8216,
-22.5568, 53.8782


0.0000, NaN, NaN


 59.2781, -12.7857,
29.9985


 59.2781, -12.7857,
29.9985


 59.0099, -13.5418,
32.3133


 59.5975, -11.7637,
26.9828


 58.7853, -14.0434,
33.9704


 59.9666, -10.4567,
23.2317


 58.6015, -14.3150,
35.0284

 60.3893, -8.8577,
18.7224

 58.4524, -14.3900,
35.5739

 60.8672, -6.9608,
13.4407

 58.3972, -14.3973,
35.7320

 61.4017, -4.7633,
7.3804

■ 61.9940, -2.2656,
0.5427

■ 62.6447, 0.5296,
-7.0643

■ 63.3541, 3.6173,
-15.4270

■ 64.1224, 6.9904,
-24.5264

Harmonies

Analogous

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



59.2795, 8.5792, 29.8417



59.2781, -12.7857, 29.9985



59.2795, -29.0935, 25.0132

Triad

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



59.2795, -12.7877, 29.9990



59.2795, -29.9125, -30.8521



59.2795, 41.7189, -8.5783

Complementary

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



59.2781, -12.7857, 29.9985



30.3340, 18.3921, -51.4998

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.



59.2795, 28.1612, -32.3205



59.2781, -12.7857, 29.9985



59.2795, -14.0628, -47.9729

Square

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



59.2795, -12.7877, 29.9990



59.2795, -37.9906, -7.0355



59.2795, 7.1110, -48.5894



59.2795, 42.1889, 11.9296

Rectangle

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



59.2781, -12.7857, 29.9985



59.2795, -35.7573, 17.9237



59.2795, 7.1110, -48.5894



59.2795, 38.4633, -16.5785

Sweetspot

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



59.2795, -12.7877, 29.9990



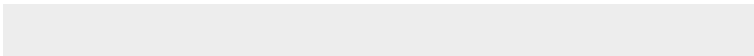
81.9120, -9.7307, 19.0863



36.6000, 30.6457, 11.9827



38.6887, -4.8446, 9.6993



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.



59.2795, -12.7877, 29.9990



79.4251, -18.4220, 44.1023



56.5110, -26.4020, 27.7459



29.5733, -2.6644, 4.5648



51.4335, -12.6914, 31.4709



8.0743, -2.0552, 4.9393

Inverse Universe

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



30.3340, 18.3921, -51.4998



33.6753, 34.4716, -93.9242



33.5546, 29.1687, -42.5588



27.0654, -0.2474, -1.7681



14.8453, 38.6114, -101.9064



2.4788, 5.3554, -14.6591

Previews

White Background



This preview shows how the HunterLab color 59.2781, -12.7857, 29.9985 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 59.2781, -12.7857, 29.9985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

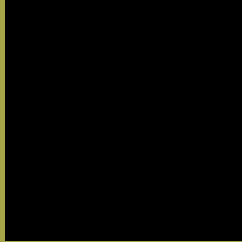
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.2781, -12.7857, 29.9985 Background



This preview shows how black text looks on a background with the HunterLab color 59.2781, -12.7857, 29.9985.



This preview shows how white text looks on a background with the HunterLab color 59.2781, -12.7857, 29.9985.

-12.7857, 29.9985.

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

59.2781, -12.7857, 29.9985

Protanopia

59.2237, -6.8904, 30.2350

Deuteranopia

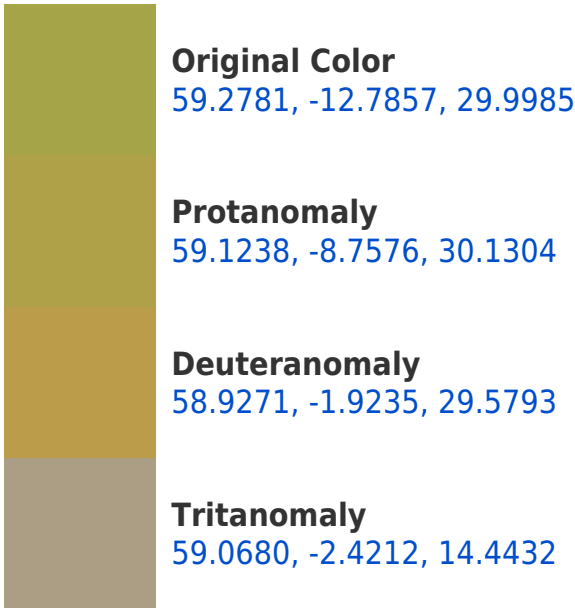
59.0327, 4.2133, 29.5822



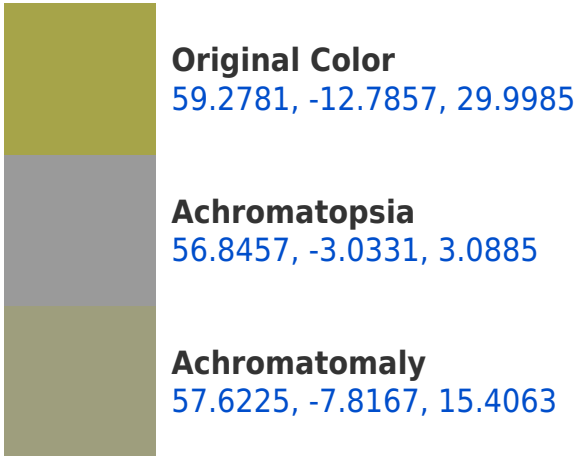
Tritanopia

59.1425, 5.5088, 0.3734

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2781, -12.7857, 29.9985 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(166, 164, 73)` looks like.

```
.text, #text, p{  
    color:rgb(166, 164, 73)  
}
```

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(166, 164, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 164, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2781, -12.7857, 29.9985 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(166, 164, 73) }
```


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

```
.border{ border-color:rgb(166, 164, 73) }
```

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

Here you see how a box with a 4 pixel rgb(166, 164, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 164, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 164, 73);  
box-shadow:4px 4px 4px 4px rgb(166, 164,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.2781, -12.7857, 29.9985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 164, 73) }
```

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

```
.background{ background-color: rgb(166,  
164, 73) }
```

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