

Converting Colors

HunterLab(30.0158, -12.0668,
12.6640)

Have a look what the booklet for
HunterLab(30.0158, -12.0668,
12.6640) contains.

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Color

**HunterLab(29.9961,
-12.0257, 12.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	465B30
RGB	70, 91, 48
RGB Percent	27%, 36%, 19%
CMY	0.7255, 0.6431, 0.8118
CMYK	0.23, 0.00, 0.47, 0.64
HSL	89°, 31%, 27%
HSV	89°, 47%, 36%
XYZ	6.8004, 8.9977, 4.1746
YIQ	79.8190, 1.2870, -17.8250

Conversions

Conversions Part 2

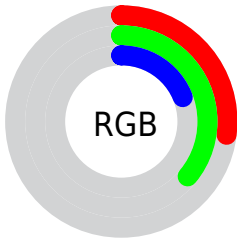
Format	Color
R_{YB}	48, 91, 69
Decimal	4610864
CIE _{Lab}	35.98, -16.48, 22.18
CIE _{LCh}	36, 27.633, 126.612
Yxy	8.9981, 0.3405, 0.4505
Android (android.graphics.Color)	4282800944 (0xFF465B30)
YUV	79.8190, -15.6868, -8.6113
Hunter-Lab	29.9961, -12.0257, 12.7458

Details

The HunterLab color $[29.9961, -12.0257, 12.7458]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[20.3339, 11.8182, -16.1243]$, and the grayscale version is $[28.3128, -1.5107, 1.5383]$.

A 20% lighter version of the original color is $[48.7831, -15.1233, 16.6369]$, and $[14.4417, -8.6517, 8.6296]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.6163, -13.7206, 14.1838]$, and if you desaturate by 10%, it is $[30.4180, -10.1543, 10.9947]$.

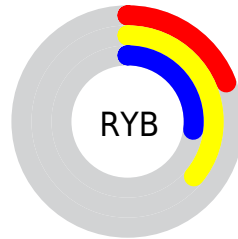
Distribution



Red (27%)

Green (36%)

Blue (19%)



Red (19%)

Yellow (36%)

Blue (27%)

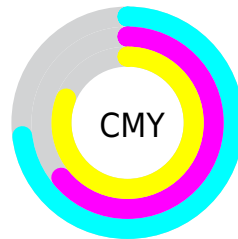


Cyan (23%)

Magenta (0%)

Yellow (47%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9961, -12.0257, 12.7458 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 29.9961, -12.0257, 12.7458 by changing the saturation by 10% instead.

■ 29.9961, -12.0257,
12.7458

■ 29.9961, -12.0257,
12.7458

■ 135.4117,
-25.2970, 29.0456

■ 21.7713, -10.3637,
10.5512

■ 48.8805, -15.1363,
16.7365

■ 14.4758, -8.5706,
8.5949

■ 59.4127, -16.6289,
18.6054

■ 8.1369, -9.2601,
5.6958

■ 70.6085, -18.0975,
20.4194

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.4307, -19.5500,
22.1924

0.0000, NaN, NaN

■ 94.8477, -20.9924,
23.9347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.8323,

-22.4289, 25.6540

0.0000, NaN, NaN

121.3607,
-23.8629, 27.3561

■ 29.9961, -12.0257,
12.7458

■ 29.9961, -12.0257,
12.7458

■ 29.6163, -13.7206,
14.1838

■ 30.4180, -10.1543,
10.9947

■ 29.2761, -15.2334,
15.3125

■ 30.8801, -8.1098,
8.9301

■ 28.9753, -16.5641,
16.1423

■ 31.3830, -5.9003,
6.5563

■ 28.7125, -17.7155,
16.6903

■ 31.9263, -3.5343,
3.8809

■ 28.4798, -18.7310,
17.0718

■ 32.5094, -1.0215,
0.9139

■ 28.4190, -18.9990,
17.1790

■ 33.1316, 1.6281,
-2.3323

■ 33.7920, 4.4040,
-5.8444

■ 34.4896, 7.2958,
-9.6077

■ 35.2232, 10.2933,
-13.6070

Harmonies

Analogous

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



29.9968, -3.7396, 14.5328



29.9961, -12.0257, 12.7458



29.9968, -17.0024, 7.9085

Triad

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



29.9968, -12.0264, 12.7461



29.9968, -8.7169, -19.8995



29.9968, 19.4877, 3.6229

Complementary

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



29.9961, -12.0257, 12.7458



20.3339, 11.8182, -16.1243

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.



29.9968, 17.7109, -6.3835



29.9961, -12.0257, 12.7458



29.9968, 0.5969, -22.1666

Square

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



29.9968, -12.0264, 12.7461



29.9968, -15.2699, -11.1348



29.9968, 10.4741, -16.5976



29.9968, 15.0583, 10.4716

Rectangle

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



29.9961, -12.0257, 12.7458



29.9968, -18.1800, 2.6723



29.9968, 10.4741, -16.5976



29.9968, 19.6041, 0.5548

Sweetspot

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



29.9968, -12.0264, 12.7461



41.2295, -6.8624, 7.6252



25.8215, 2.9468, 9.5417



20.2221, -3.5830, 3.9822



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.9968, -12.0264, 12.7461



38.6541, -18.2534, 18.7938



28.8824, -16.3808, 11.7699



16.2370, -1.9991, 2.2059



34.5254, -23.3264, 20.8660



80.4635, -55.9389, 48.6019

Inverse Universe

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



20.3339, 11.8182, -16.1243



23.3530, 20.0026, -28.2229



22.4886, 17.7122, -11.9282



15.2626, 0.3583, -0.5898



13.7483, 31.6774, -54.1615



31.3437, 73.2121, -131.1790

Previews

White Background



This preview shows how the HunterLab color 29.9961, -12.0257, 12.7458 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

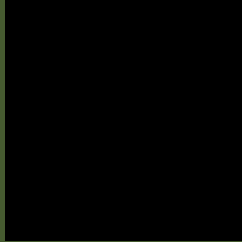
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 29.9961, -12.0257, 12.7458 Background



This preview shows how black text looks on a background with the HunterLab color 29.9961, -12.0257, 12.7458.



This preview shows how white text looks on a background with the HunterLab color 29.9961, -12.0257, 12.7458.

-12.0257, 12.7458.

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

29.9961, -12.0257, 12.7458

Protanopia

30.0357, -3.4985, 13.3443

Deuteranopia

29.9143, 1.4695, 12.2512



Tritanopia

29.9706, -3.1101, -2.0735

Trichromacy



Original Color

29.9961, -12.0257, 12.7458

Protanomaly

29.9214, -6.6205, 12.9926

Deuteranomaly

29.8345, -4.1028, 12.3151

Tritanomaly

29.9518, -6.8052, 4.4385

Monochromacy



Original Color

29.9961, -12.0257, 12.7458

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.8002, -5.8115, 6.3863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9961, -12.0257, 12.7458 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(70, 91, 48)` looks like.

```
.text, #text, p{  
    color:rgb(70, 91, 48)  
}
```

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(70, 91, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 91, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9961, -12.0257, 12.7458 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(70, 91, 48) }
```


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

```
.border{ border-color:rgb(70, 91, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 91, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 91, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 91, 48);  
box-shadow:4px 4px 4px 4px rgb(70, 91, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9961, -12.0257, 12.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 91, 48) }
```

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

```
.background{ background-color: rgb(70, 91,  
48) }
```

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](#).

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