

Converting Colors

HunterLab(30.3807, -0.2504,
12.0550)

Have a look what the booklet for
HunterLab(30.3807, -0.2504,
12.0550) contains.

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Color

**HunterLab(30.5074, -0.3280,
12.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	645435
RGB	100, 84, 53
RGB Percent	39%, 33%, 21%
CMY	0.6078, 0.6706, 0.7922
CMYK	0.00, 0.16, 0.47, 0.61
HSL	40°, 31%, 30%
HSV	40°, 47%, 39%
XYZ	9.0685, 9.3070, 4.6866
YIQ	85.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

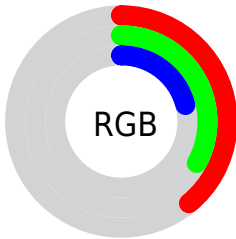
Format	Color
R_{YB}	77, 100, 53
Decimal	6575157
CIE Lab	36.57, 1.88, 20.55
CIE LCh	37, 20.631, 84.767
Yxy	9.3075, 0.3932, 0.4036
Android (android.graphics.Color)	4284765237 (0xFF645435)
YUV	85.2500, -15.8993, 12.9358
Hunter-Lab	30.5074, -0.3280, 12.2469

Details

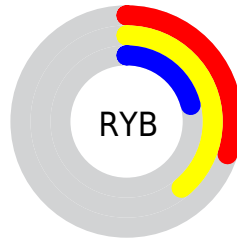
The HunterLab color **30.5074, -0.3280, 12.2469** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24.3578, 0.5849, -14.3279**, and the grayscale version is **30.2831, -1.6158, 1.6453**.

A 20% lighter version of the original color is **49.3665, -0.9258, 15.9231**, and **14.8352, 0.4010, 8.1155** is the 20% darker color. If you saturate the color by 10%, you get **29.5113, 0.3986, 13.5999**, and if you desaturate by 10%, it is **31.5446, -0.9141, 10.5825**.

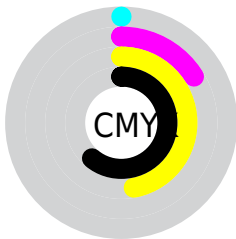
Distribution



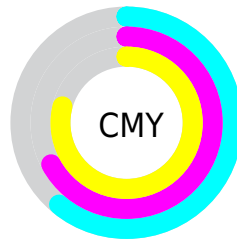
- Red (39%)
- Green (33%)
- Blue (21%)



- Red (30%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (61%)



- Cyan (61%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5074, -0.3280, 12.2469 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 30.5074, -0.3280, 12.2469 by changing the saturation by 10% instead.

30.5074, -0.3280,
12.2469

30.5074, -0.3280,
12.2469

136.2553, -5.1473,
27.6806

22.2312, -0.0150,
10.2034

49.4818, -1.1186,
15.9868

14.8776, 0.2341,
8.1789

60.0542, -1.5828,
17.7482

8.5282, 0.5060,
5.9697

71.2879, -2.0882,
19.4632

0.0000, NaN, NaN

0.0000, NaN, NaN

83.1460, -2.6319,
21.1444

0.0000, NaN, NaN

95.5971, -3.2115,
22.8007

0.0000, NaN, NaN

0.0000, NaN, NaN

108.6144, -3.8251,

24.4390

0.0000, NaN, NaN

122.1741, -4.4708,
26.0642

■ 30.5074, -0.3280,
12.2469

■ 30.5074, -0.3280,
12.2469

■ 29.5113, 0.3986,
13.5999

■ 31.5446, -0.9141,
10.5825

■ 28.5557, 1.2705,
14.6305

■ 32.6192, -1.3597,
8.6186

■ 27.6423, 2.2856,
15.3343

■ 33.7304, -1.6704,
6.3701

■ 26.7720, 3.4393,
15.7136

■ 34.8764, -1.8517,
3.8528

■ 25.9390, 4.6918,
15.8687

■ 36.0557, -1.9096,
1.0827

■ 25.6932, 5.0689,
15.9208

■ 37.2667, -1.8503,
-1.9246

■ 38.5078, -1.6801,
-5.1536

■ 39.7775, -1.4054,
-8.5899

■ 41.0746, -1.0323,
-12.2195

Harmonies

Analogous

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



30.5081, 6.9628, 10.7302



30.5074, -0.3280, 12.2469



30.5081, -7.3292, 11.5226

Triad

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



30.5081, -0.3292, 12.2472



30.5081, -13.4350, -4.5279



30.5081, 10.7988, -7.1618

Complementary

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



30.5074, -0.3280, 12.2469



24.3578, 0.5849, -14.3279

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.



30.5081, 4.5221, -13.2495



30.5074, -0.3280, 12.2469



30.5081, -9.3649, -11.4938

Square

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



30.5081, -0.3292, 12.2472



30.5081, -14.4706, 2.8621



30.5081, -2.9084, -14.9977



30.5081, 13.7648, 0.4083

Rectangle

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



30.5074, -0.3280, 12.2469



30.5081, -10.9611, 9.7493



30.5081, -2.9084, -14.9977



30.5081, 8.9789, -9.5143

Sweetspot

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



30.5081, -0.3292, 12.2472



45.0495, -2.2900, 7.6045



23.8556, 15.2462, 0.7905



22.2277, -1.1127, 4.0263



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.5081, -0.3292, 12.2472



38.9921, 0.5958, 18.1070



34.1993, -9.1740, 15.0734



17.6609, -0.9308, 2.2235



29.5880, 6.1406, 18.3395



66.3264, 16.4426, 41.1579

Inverse Universe

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



24.3578, 0.5849, -14.3279



29.1987, 2.3981, -24.8854



21.0443, 9.3146, -20.8377



17.0346, -0.8698, -0.4196



16.3918, 12.7773, -48.0708



35.3968, 34.4560, -118.6235

Previews

White Background



This preview shows how the HunterLab color 30.5074, -0.3280, 12.2469 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



This preview shows how the HunterLab color 30.5074, -0.3280, 12.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

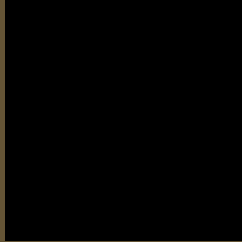
Any Text WCAG AA × Fail

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 30.5074, -0.3280, 12.2469 Background



This preview shows how black text looks on a background with the HunterLab color 30.5074, -0.3280, 12.2469.

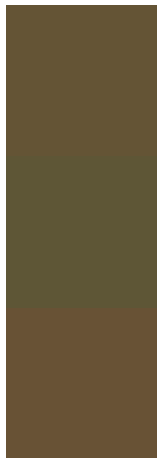


This preview shows how white text looks on a background with the HunterLab color 30.5074, -0.3280, 12.2469.

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

30.5074, -0.3280, 12.2469

Protanopia

30.4985, -2.9819, 11.9561

Deuteranopia

30.3886, 1.8515, 12.1863



Tritanopia

30.4840, 6.0390, 1.7663

Trichromacy



Original Color

30.5074, -0.3280, 12.2469

Protanomaly

30.4140, -1.9399, 11.9035

Deuteranomaly

30.5403, 1.0821, 12.2989

Tritanomaly

30.3382, 3.7324, 6.0985

Monochromacy



Original Color

30.5074, -0.3280, 12.2469

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.2518, -1.7979, 6.2557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5074, -0.3280, 12.2469 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(100, 84, 53)` looks like.

```
.text, #text, p{  
    color:rgb(100, 84, 53)  
}
```

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(100, 84, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 84, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5074, -0.3280, 12.2469 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(100, 84, 53) }
```


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

```
.border{ border-color:rgb(100, 84, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 84, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 84, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 84, 53);  
box-shadow:4px 4px 4px 4px rgb(100, 84,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5074, -0.3280, 12.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 84, 53) }
```

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

```
.background{ background-color: rgb(100, 84,  
53) }
```

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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