

Converting Colors

HunterLab(33.6184, -14.7945,
18.2902)

Have a look what the booklet for
HunterLab(33.6184, -14.7945,
18.2902) contains.

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Color

**HunterLab(33.6184,
-14.7945, 18.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	50661E
RGB	80, 102, 30
RGB Percent	31%, 40%, 12%
CMY	0.6863, 0.6000, 0.8823
CMYK	0.22, 0.00, 0.71, 0.60
HSL	78°, 55%, 26%
HSV	78°, 71%, 40%
XYZ	8.2940, 11.3020, 2.9727
YIQ	87.2140, 10.0000, -27.0560

Conversions

Conversions Part 2

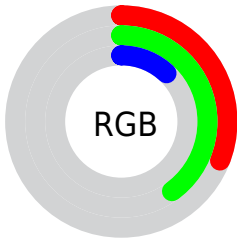
Format	Color
R_{YB}	30, 102, 52
Decimal	5269022
CIE _{Lab}	40.09, -19.97, 36.47
CIE _{LCh}	40, 41.584, 118.701
Yxy	11.3025, 0.3675, 0.5008
Android (android.graphics.Color)	4283459102 (0xFF50661E)
YUV	87.2140, -28.2065, -6.3267
Hunter-Lab	33.6184, -14.7945, 18.2902

Details

The HunterLab color $[33.6184, -14.7945, 18.2902]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[16.1811, 18.8890, -35.7610]$, and the grayscale version is $[31.0487, -1.6567, 1.6869]$.

A 20% lighter version of the original color is $[53.0639, -18.4315, 24.3217]$, and $[17.4806, -10.2359, 10.5923]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.3556, -15.9502, 19.1143]$, and if you desaturate by 10%, it is $[33.9148, -13.4787, 17.1210]$.

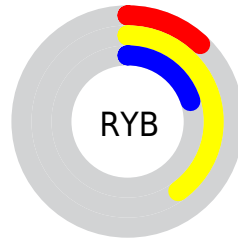
Distribution



Red (31%)

Green (40%)

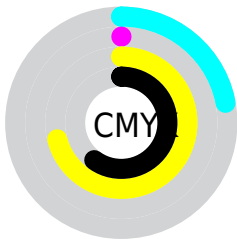
Blue (12%)



Red (12%)

Yellow (40%)

Blue (20%)

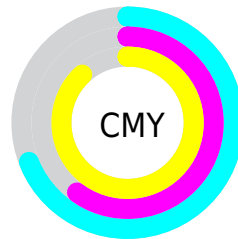


Cyan (22%)

Magenta (0%)

Yellow (71%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6184, -14.7945, 18.2902 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 33.6184, -14.7945, 18.2902 by changing the saturation by 10% instead.

■ 33.6184, -14.7945,
18.2902

■ 33.6184, -14.7945,
18.2902

141.3263,
-29.6456, 41.8666

■ 25.0413, -12.9058,
14.9698

■ 53.1208, -18.3189,
24.2803

■ 17.3504, -10.8715,
12.1453

■ 63.9303, -20.0013,
27.0420

■ 10.6637, -9.0582,
7.4646

■ 75.3874, -21.6503,
29.6911

■ 0.9718, -1.7007,
0.6803

■ 87.4573, -23.2750,
32.2496

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1103,
-24.8823, 34.7345

0.0000, NaN, NaN

■ 113.3208,

0.0000, NaN, NaN

-26.4773, 37.1591

0.0000, NaN, NaN

127.0662,
-28.0640, 39.5336

33.6184, -14.7945,
18.2902

33.6184, -14.7945,
18.2902

33.3556, -15.9502,
19.1143

33.9148, -13.4787,
17.1210

33.1223, -16.9514,
19.6194

34.2441, -11.9954,
15.5871

32.9188, -17.8192,
19.9725

34.6081, -10.3436,
13.6763

35.0074, -8.5236,
11.3818

35.4426, -6.5377,
8.7013

■ 35.9139, -4.3897,
5.6369

■ 36.4212, -2.0849,
2.1939

■ 36.9645, 0.3706,
-1.6192

■ 37.5435, 2.9697,
-5.7915

Harmonies

Analogous

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



33.6192, -1.1258, 19.5124



33.6184, -14.7945, 18.2902



33.6192, -23.4304, 13.3682

Triad

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



33.6192, -14.7954, 18.2904



33.6192, -15.7609, -31.9627



33.6192, 32.9811, 1.1891

Complementary

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



33.6184, -14.7945, 18.2902



16.1811, 18.8890, -35.7610

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.



33.6192, 27.2323, -16.2075



33.6184, -14.7945, 18.2902



33.6192, -2.4603, -39.9216

Square

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



33.6192, -14.7954, 18.2904



33.6192, -23.9137, -14.5846



33.6192, 13.5395, -33.1580



33.6192, 28.1131, 12.6907

Rectangle

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



33.6184, -14.7945, 18.2902



33.6192, -26.0641, 6.8666



33.6192, 13.5395, -33.1580



33.6192, 32.2101, -4.1311

Sweetspot

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



33.6192, -14.7954, 18.2904



46.8748, -8.9348, 11.9070



23.1070, 13.0539, 11.3148



22.7136, -4.5845, 6.1197



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.



33.6192, -14.7954, 18.2904



43.9559, -22.0520, 25.8136



31.8456, -21.8629, 16.9532



17.9670, -2.0049, 2.5405



37.2776, -20.3025, 22.6149



84.8541, -47.4754, 51.4555

Inverse Universe

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



16.1811, 18.8890, -35.7610



17.2406, 31.8829, -64.6327



19.8580, 26.8193, -24.8273



16.7347, 0.1983, -0.7811



12.6117, 31.3668, -67.5770



28.0765, 70.9681, -159.2676

Previews

White Background



This preview shows how the HunterLab color 33.6184, -14.7945, 18.2902 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 × Fail

Black Background



This preview shows how the HunterLab color 33.6184, -14.7945, 18.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

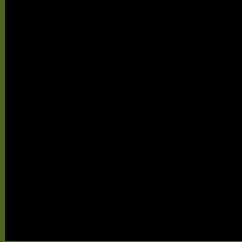
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.6184, -14.7945, 18.2902 Background



This preview shows how black text looks on a background with the HunterLab color 33.6184, -14.7945, 18.2902.



This preview shows how white text looks on a background with the HunterLab color 33.6184,

-14.7945, 18.2902.

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

33.6184, -14.7945, 18.2902

Protanopia

33.3967, -4.1613, 18.5557

Deuteranopia

33.5935, 1.9490, 17.9279



Tritanopia

33.5237, -2.4128, -2.0797

Trichromacy



Original Color

33.6184, -14.7945, 18.2902

Protanomaly

33.4357, -8.1897, 18.3983

Deuteranomaly

33.2540, -4.5911, 17.8452

Tritanomaly

33.4492, -8.2746, 8.3466

Monochromacy



Original Color

33.6184, -14.7945, 18.2902

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.5158, -7.1989, 9.5973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6184, -14.7945, 18.2902 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(80, 102, 30)` looks like.

```
.text, #text, p{  
    color:rgb(80, 102, 30)  
}
```

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(80, 102, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 102, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6184, -14.7945, 18.2902 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(80, 102, 30) }
```


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

```
.border{ border-color:rgb(80, 102, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 102, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 102, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 102, 30);  
box-shadow:4px 4px 4px 4px rgb(80, 102,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6184, -14.7945, 18.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 102, 30) }
```

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

```
.background{ background-color: rgb(80, 102,  
30) }
```

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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