

Converting Colors

HunterLab(29.7896, -17.8715,
16.6311)

Have a look what the booklet for
HunterLab(29.7896, -17.8715,
16.6311) contains.

HunterLab(29.7855, -17.8839, 16.6284)	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(29.7855,
-17.8839, 16.6284)**

Conversions

Conversions Part 1

Format	Color
Hex	375E15
RGB	55, 94, 21
RGB Percent	22%, 37%, 8%
CMY	0.7843, 0.6314, 0.9176
CMYK	0.41, 0.00, 0.78, 0.63
HSL	92°, 63%, 23%
HSV	92°, 78%, 37%
XYZ	5.7136, 8.8718, 2.1207
YIQ	74.0170, 0.1890, -30.9710

Conversions

Conversions Part 2

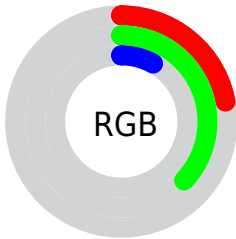
Format	Color
R_{YB}	21, 94, 60
Decimal	3628565
CIE _{Lab}	35.74, -27.14, 35.39
CIE _{LCh}	36, 44.595, 127.480
Yxy	8.8721, 0.3420, 0.5310
Android (android.graphics.Color)	4281818645 (0xFF375E15)
YUV	74.0170, -26.1374, -16.6779
Hunter-Lab	29.7855, -17.8839, 16.6284

Details

The HunterLab color $[29.7855, -17.8839, 16.6284]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[15.1835, 22.2454, -31.6079]$, and the grayscale version is $[26.2652, -1.4014, 1.4270]$.

A 20% lighter version of the original color is $[48.7285, -22.4757, 22.7822]$, and $[14.3262, -11.9374, 8.6187]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.5108, -19.0956, 17.1767]$, and if you desaturate by 10%, it is $[30.1047, -16.4716, 15.7895]$.

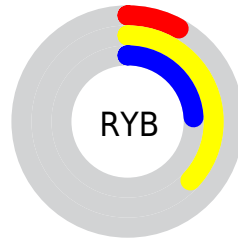
Distribution



Red (22%)

Green (37%)

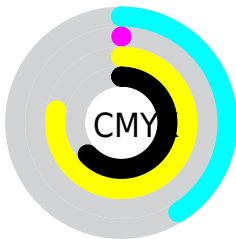
Blue (8%)



Red (8%)

Yellow (37%)

Blue (24%)

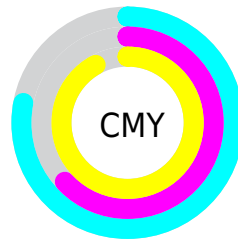


Cyan (41%)

Magenta (0%)

Yellow (78%)

Black (63%)



Cyan (78%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7855, -17.8839, 16.6284 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 29.7855, -17.8839, 16.6284 by changing the saturation by 10% instead.

■ 29.7855, -17.8839,
16.6284

■ 29.7855, -17.8839,
16.6284

135.0634,
-36.4110, 40.0113

■ 21.5821, -15.3480,
13.3818

■ 48.6326, -22.4692,
22.6209

■ 14.3107, -12.5361,
10.0175

■ 59.1481, -24.6059,
25.3667

■ 7.9694, -13.9465,
5.5786

■ 70.3282, -26.6734,
27.9931

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1355, -28.6877,
30.5245

0.0000, NaN, NaN

■ 94.5384, -30.6607,
32.9793

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5095,

-32.6012, 35.3717

0.0000, NaN, NaN

121.0248,
-34.5162, 37.7127

29.7855, -17.8839,
16.6284

29.7855, -17.8839,
16.6284

29.5108, -19.0956,
17.1767

30.1047, -16.4716,
15.7895

29.2702, -20.1508,
17.5553

30.4680, -14.8545,
14.6418

29.2170, -20.3864,
17.6465

30.8769, -13.0346,
13.1752

31.3319, -11.0166,
11.3857

31.8332, -8.8077,
9.2744

■ 32.3804, -6.4171,
6.8470

■ 32.9730, -3.8554,
4.1123

■ 33.6103, -1.1341,
1.0822

■ 34.2913, 1.7347,
-2.2295

Harmonies

Analogous

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



29.7861, -5.4356, 18.3838



29.7855, -17.8839, 16.6284



29.7861, -24.7412, 10.6871

Triad

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



29.7861, -17.8845, 16.6286



29.7861, -12.3358, -39.2156



29.7861, 34.8216, 5.1366

Complementary

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



29.7855, -17.8839, 16.6284



15.1835, 22.2454, -31.6079

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.



29.7861, 31.9058, -11.6744



29.7855, -17.8839, 16.6284



29.7861, 2.4593, -43.4881

Square

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



29.7861, -17.8845, 16.6286



29.7861, -22.0334, -21.8065



29.7861, 19.1920, -31.5451



29.7861, 26.4873, 14.3728

Rectangle

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



29.7855, -17.8839, 16.6284



29.7861, -26.2305, 2.8618



29.7861, 19.1920, -31.5451



29.7861, 35.1503, 0.3252

Sweetspot

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



29.7861, -17.8845, 16.6286



42.4007, -10.4352, 11.0549



23.7885, 6.1246, 12.9970



20.6699, -5.4832, 5.7875



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.7861, -17.8845, 16.6286



38.7904, -26.3938, 23.0643



28.6860, -22.3778, 15.5613



16.2227, -2.0496, 2.1894



34.3249, -24.1511, 20.7281



79.9993, -57.8577, 48.2823

Inverse Universe

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



15.1835, 22.2454, -31.6079



16.9719, 34.5859, -53.7136



19.1869, 29.6611, -18.6414



15.2778, 0.4097, -0.5697



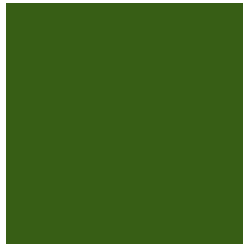
14.2664, 32.2693, -51.5371



32.5769, 74.5845, -124.6498

Previews

White Background



This preview shows how the HunterLab color 29.7855, -17.8839, 16.6284 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

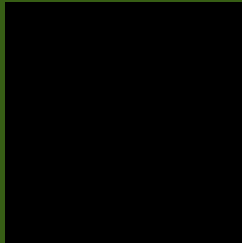
Any Text WCAG AA × Fail

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 29.7855, -17.8839, 16.6284 Background



This preview shows how black text looks on a background with the HunterLab color 29.7855, -17.8839, 16.6284.



This preview shows how white text looks on a background with the HunterLab color 29.7855,

-17.8839, 16.6284.

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

29.7855, -17.8839, 16.6284

Protanopia

29.6041, -4.2000, 17.0222

Deuteranopia

29.6980, 1.4751, 16.2555



Tritanopia

29.9398, -5.8791, -3.0939

Trichromacy



Original Color

29.7855, -17.8839, 16.6284

Protanomaly

29.5499, -9.9380, 16.7983

Deuteranomaly

29.3145, -6.5183, 16.0892

Tritanomaly

29.5869, -11.4388, 7.0718

Monochromacy



Original Color

29.7855, -17.8839, 16.6284

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.1182, -8.3136, 8.6622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7855, -17.8839, 16.6284 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(55, 94, 21)` looks like.

```
.text, #text, p{  
    color:rgb(55, 94, 21)  
}
```

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(55, 94, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 94, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7855, -17.8839, 16.6284 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(55, 94, 21) }
```


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

```
.border{ border-color:rgb(55, 94, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 94, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 94, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 94, 21);  
box-shadow:4px 4px 4px 4px rgb(55, 94, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7855, -17.8839, 16.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 94, 21) }
```

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

```
.background{ background-color: rgb(55, 94,  
21) }
```

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