

Converting Colors

HunterLab(27.2610, -14.4225,
15.3918)

Have a look what the booklet for
HunterLab(27.2610, -14.4225,
15.3918) contains.

HunterLab(27.2709, -14.3776, 15.3995)	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(27.2709,
-14.3776, 15.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5511
RGB	58, 85, 17
RGB Percent	23%, 33%, 7%
CMY	0.7725, 0.6667, 0.9333
CMYK	0.32, 0.00, 0.80, 0.67
HSL	84°, 67%, 20%
HSV	84°, 80%, 33%
XYZ	5.0946, 7.4370, 1.6973
YIQ	69.1750, 5.7360, -26.8720

Conversions

Conversions Part 2

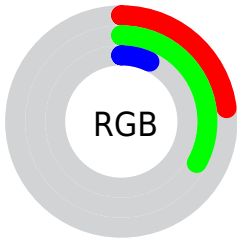
Format	Color
R_{YB}	17, 85, 44
Decimal	3822865
CIE _{Lab}	32.78, -21.75, 34.15
CIE _{LCh}	33, 40.482, 122.491
Yxy	7.4373, 0.3580, 0.5227
Android (android.graphics.Color)	4282012945 (0xFF3A5511)
YUV	69.1750, -25.7223, -9.8005
Hunter-Lab	27.2709, -14.3776, 15.3995

Details

The HunterLab color $[27.2709, -14.3776, 15.3995]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[12.6194, 18.6421, -32.2787]$, and the grayscale version is $[24.5436, -1.3096, 1.3335]$.

A 20% lighter version of the original color is $[45.7141, -18.2956, 21.3623]$, and $[12.5782, -9.4673, 7.5849]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.0511, -15.3341, 15.8652]$, and if you desaturate by 10%, it is $[27.5205, -13.2834, 14.6822]$.

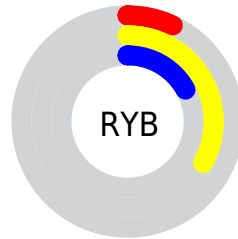
Distribution



Red (23%)

Green (33%)

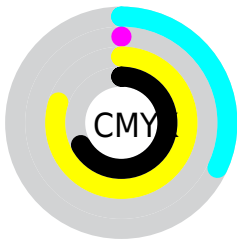
Blue (7%)



Red (7%)

Yellow (33%)

Blue (17%)

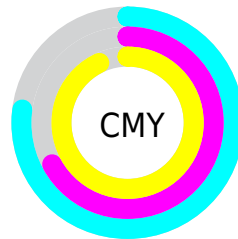


Cyan (32%)

Magenta (0%)

Yellow (80%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2709, -14.3776, 15.3995 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 27.2709, -14.3776, 15.3995 by changing the saturation by 10% instead.

■ 27.2709, -14.3776,
15.3995

■ 27.2709, -14.3776,
15.3995

130.8625,
-30.3325, 38.3739

■ 19.3315, -12.2391,
12.4310

■ 45.6594, -18.2646,
21.3190

■ 12.3596, -9.8711,
8.6517

■ 55.9703, -20.0888,
24.0197

■ 5.5501, -9.7127,
3.8851

■ 66.9582, -21.8625,
26.5986

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.5838, -23.5991,
29.0814

0.0000, NaN, NaN

■ 90.8137, -25.3081,
31.4872


0.0000, NaN, NaN


■ 103.6195,


0.0000, NaN, NaN


-26.9966, 33.8307


0.0000, NaN, NaN


 116.9764,
-28.6700, 36.1232


 27.2709, -14.3776,
15.3995


 27.2709, -14.3776,
15.3995


 27.0511, -15.3341,
15.8652


 27.5205, -13.2834,
14.6822


 26.8470, -16.2217,
16.2589

 27.7996, -12.0437,
13.6909

 26.8470, -16.2219,
16.2590

 28.1098, -10.6575,
12.4140

 28.4517, -9.1254,
10.8445

 28.8258, -7.4498,
8.9797

■ 29.2320, -5.6348,
6.8204

■ 29.6705, -3.6854,
4.3706

■ 30.1409, -1.6076,
1.6367

■ 30.6429, 0.5918,
-1.3726

Harmonies

Analogous

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



27.2715, -2.6085, 16.6267



27.2709, -14.3776, 15.3995



27.2715, -21.3417, 10.8092

Triad

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



27.2715, -14.3783, 15.3997



27.2715, -12.7346, -32.0575



27.2715, 30.7059, 2.5665

Complementary

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



27.2709, -14.3776, 15.3995



12.6194, 18.6421, -32.2787

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.



27.2715, 26.5231, -13.0608



27.2709, -14.3776, 15.3995



27.2715, -0.2852, -38.0825

Square

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



27.2715, -14.3783, 15.3997



27.2715, -20.5349, -16.0060



27.2715, 14.4342, -29.8405



27.2715, 24.9423, 11.9137

Rectangle

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



27.2709, -14.3776, 15.3995



27.2715, -23.2155, 4.6018



27.2715, 14.4342, -29.8405



27.2715, 30.4164, -2.0508

Sweetspot

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



27.2715, -14.3783, 15.3997



37.9079, -8.5152, 10.3040



19.2475, 10.0350, 10.4020



19.1287, -4.5770, 5.5313



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.2715, -14.3783, 15.3997



35.0851, -21.0249, 21.0384



25.9686, -19.6742, 14.4462



15.4413, -1.7889, 2.1084



34.1255, -20.9088, 20.6619



80.5539, -50.8847, 48.7461

Inverse Universe

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



12.6194, 18.6421, -32.2787



13.4110, 29.4797, -55.9970



16.2405, 25.5054, -20.9234



14.4742, 0.2284, -0.5775



12.5184, 29.9345, -57.7733



28.8279, 70.0947, -142.0367

Previews

White Background



This preview shows how the HunterLab color 27.2709, -14.3776, 15.3995 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

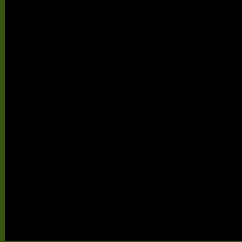
Any Text WCAG AA × Fail

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 27.2709, -14.3776, 15.3995 Background



This preview shows how black text looks on a background with the HunterLab color 27.2709, -14.3776, 15.3995.



This preview shows how white text looks on a background with the HunterLab color 27.2709,

-14.3776, 15.3995.

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

27.2709, -14.3776, 15.3995

Protanopia

27.1449, -3.6392, 15.6758

Deuteranopia

27.1447, 1.5986, 14.9839



Tritanopia

27.2141, -3.7940, -2.0212

Trichromacy



Original Color

27.2709, -14.3776, 15.3995

Protanomaly

27.0393, -8.0881, 15.4450

Deuteranomaly

26.8345, -4.6775, 14.8859

Tritanomaly

26.9590, -8.7229, 7.0575

Monochromacy



Original Color

27.2709, -14.3776, 15.3995

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.2711, -6.9876, 8.3698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2709, -14.3776, 15.3995 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(58, 85, 17)` looks like.

```
.text, #text, p{  
    color:rgb(58, 85, 17)  
}
```

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(58, 85, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 85, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2709, -14.3776, 15.3995 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(58, 85, 17) }
```


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

```
.border{ border-color:rgb(58, 85, 17) }
```

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

Here you see how a box with a 4 pixel rgb(58, 85, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 85, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 85, 17);  
box-shadow:4px 4px 4px 4px rgb(58, 85, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.2709, -14.3776, 15.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 85, 17) }
```

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

```
.background{ background-color: rgb(58, 85,  
17) }
```

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