

Converting Colors

HunterLab(55.3659, -28.2328,
32.0811)

Have a look what the booklet for
HunterLab(55.3659, -28.2328,
32.0811) contains.

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Color

**HunterLab(55.3659,
-28.2328, 32.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	78A421
RGB	120, 164, 33
RGB Percent	47%, 64%, 13%
CMY	0.5294, 0.3568, 0.8706
CMYK	0.27, 0.00, 0.80, 0.36
HSL	80°, 66%, 39%
HSV	80°, 80%, 64%
XYZ	21.2957, 30.6538, 6.2332
YIQ	135.9100, 15.8270, -50.0690

Conversions

Conversions Part 2

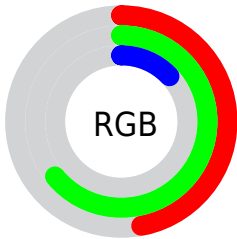
Format	Color
RYB	33, 164, 77
Decimal	7906337
CIELab	62.22, -33.45, 57.77
CIElCh	62, 66.755, 120.071
Yxy	30.6552, 0.3660, 0.5269
Android (android.graphics.Color)	4286096417 (0xFF78A421)
YUV	135.9100, -50.7346, -13.9531
Hunter-Lab	55.3659, -28.2328, 32.0811

Details

The HunterLab color **55.3659, -28.2328, 32.0811** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **23.1230, 39.0975, -75.1285**, and the grayscale version is **49.7746, -2.6559, 2.7044**.

A 20% lighter version of the original color is **77.8553, -32.9846, 40.1991**, and **35.7024, -22.2771, 21.6096** is the 20% darker color. If you saturate the color by 10%, you get **54.9563, -29.9861, 32.7840**, and if you desaturate by 10%, it is **55.8354, -26.1938, 30.8134**.

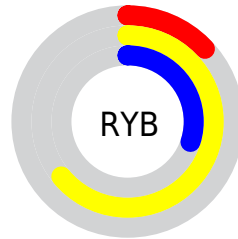
Distribution



Red (47%)

Green (64%)

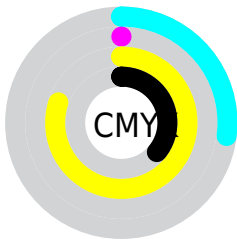
Blue (13%)



Red (13%)

Yellow (64%)

Blue (30%)

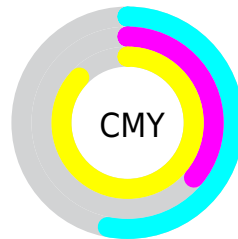


Cyan (27%)

Magenta (0%)

Yellow (80%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3659, -28.2328, 32.0811 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 55.3659, -28.2328, 32.0811 by changing the saturation by 10% instead.

■ 55.3659, -28.2328,
32.0811

■ 55.3659, -28.2328,
32.0811

174.6272,
-48.4672, 64.3440

■ 45.0959, -25.6617,
27.7324

■ 77.9081, -33.0815,
40.1520

■ 35.5525, -22.9475,
23.1319

■ 90.1046, -35.3975,
43.9336

■ 26.7974, -20.0396,
18.7582

■ 102.8785,
-37.6607, 47.5792

■ 18.9091, -16.8534,
13.2364

■ 116.2047,
-39.8809, 51.1081

■ 11.9962, -14.0177,
8.3973

■ 130.0613,
-42.0659, 54.5367

■ 4.9524, -8.6668,
3.4667

■ 144.4286,

0.0000, NaN, NaN

-44.2221, 57.8783

0.0000, NaN, NaN

159.2892,
-46.3545, 61.1442

0.0000, NaN, NaN

■ 55.3659, -28.2328,
32.0811

■ 55.3659, -28.2328,
32.0811

■ 54.9563, -29.9861,
32.7840

■ 55.8354, -26.1938,
30.8134

■ 54.5919, -31.5095,
33.0813

■ 56.3650, -23.8480,
28.9239

■ 54.5875, -31.5280,
33.0846

■ 56.9589, -21.1872,
26.3744

■ 57.6191, -18.2083,
23.1401

■ 58.3471, -14.9126,
19.2079

■ 59.1437, -11.3058,
14.5745

■ 60.0090, -7.3967,
9.2448

■ 60.9430, -3.1968,
3.2310

■ 61.9452, 1.2804,
-3.4488

Harmonies

Analogous

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



55.3671, -3.0259, 34.1541



55.3659, -28.2328, 32.0811



55.3671, -43.4916, 23.4949

Triad

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



55.3671, -28.2342, 32.0814



55.3671, -28.1376, -65.5447



55.3671, 64.6200, 3.0791

Complementary

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



55.3659, -28.2328, 32.0811



23.1230, 39.0975, -75.1285

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.



55.3671, 54.1737, -30.5492



55.3659, -28.2328, 32.0811



55.3671, -2.8885, -80.6779

Square

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



55.3671, -28.2342, 32.0814



55.3671, -43.4445, -30.7254



55.3671, 27.8677, -65.4113



55.3671, 54.0794, 23.5590

Rectangle

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



55.3659, -28.2328, 32.0811



55.3671, -47.8976, 11.4077



55.3671, 27.8677, -65.4113



55.3671, 63.4234, -6.9427

Sweetspot

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



55.3671, -28.2342, 32.0814



79.1785, -17.5070, 22.6094



36.4208, 25.5422, 20.5464



36.8534, -8.9462, 11.5401



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



55.3671, -28.2342, 32.0814



73.6507, -42.0191, 44.4496



52.4117, -40.2343, 29.9633



28.4913, -3.3906, 4.2200



47.8260, -27.4941, 28.9888



7.1055, -3.3038, 4.3205

Inverse Universe

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



23.1230, 39.0975, -75.1285



25.7991, 61.1866, -129.5435



30.8779, 52.5039, -47.4968



26.4011, 0.5461, -1.4705



16.4432, 40.6576, -86.2580



2.8614, 6.4094, -9.8495

Previews

White Background



This preview shows how the HunterLab color 55.3659, -28.2328, 32.0811 looks on a white 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

Black Background



This preview shows how the HunterLab color 55.3659, -28.2328, 32.0811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

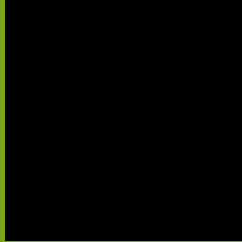
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 55.3659, -28.2328, 32.0811 Background



This preview shows how black text looks on a background with the HunterLab color 55.3659, -28.2328, 32.0811.



This preview shows how white text looks on a background with the HunterLab color 55.3659, -28.2328, 32.0811.

-28.2328, 32.0811.

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

55.3659, -28.2328, 32.0811

Protanopia

55.0785, -7.2960, 32.5601

Deuteranopia

54.9720, 4.0263, 31.3739



Tritanopia

55.3624, -6.0440, -4.1144

Trichromacy



Original Color

55.3659, -28.2328, 32.0811

Protanomaly

54.8778, -15.6358, 32.2147

Deuteranomaly

54.5458, -9.0826, 31.2698

Tritanomaly

54.9037, -16.5135, 15.3681

Monochromacy



Original Color

55.3659, -28.2328, 32.0811

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

51.1903, -13.7865, 17.6297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3659, -28.2328, 32.0811 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(120, 164, 33)` looks like.

```
.text, #text, p{  
    color:rgb(120, 164, 33)  
}
```

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(120, 164, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 164, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3659, -28.2328, 32.0811 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(120, 164, 33) }
```


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

```
.border{ border-color:rgb(120, 164, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 164, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 164, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 164, 33);  
box-shadow:4px 4px 4px 4px rgb(120, 164,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3659, -28.2328, 32.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 164, 33) }
```

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

```
.background{ background-color: rgb(120,  
164, 33) }
```

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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