

Converting Colors

HunterLab(29.1698, -15.7420,
15.9422)

Have a look what the booklet for
HunterLab(29.1698, -15.7420,
15.9422) contains.

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Color

**HunterLab(29.1698,
-15.7420, 15.9422)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5B18
RGB	60, 91, 24
RGB Percent	24%, 36%, 9%
CMY	0.7647, 0.6431, 0.9059
CMYK	0.34, 0.00, 0.74, 0.64
HSL	88°, 58%, 23%
HSV	88°, 74%, 36%
XYZ	5.7694, 8.5088, 2.2025
YIQ	74.0930, 3.0310, -27.4090

Conversions

Conversions Part 2

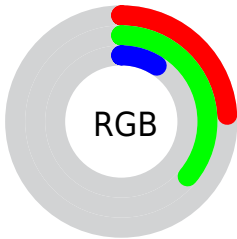
Format	Color
R_{YB}	24, 91, 55
Decimal	3955480
CIE _{Lab}	35.02, -23.42, 33.47
CIE _{LCh}	35, 40.850, 124.974
Yxy	8.5091, 0.3501, 0.5163
Android (android.graphics.Color)	4282145560 (0xFF3C5B18)
YUV	74.0930, -24.6958, -12.3596
Hunter-Lab	29.1698, -15.7420, 15.9422

Details

The HunterLab color $[29.1698, -15.7420, 15.9422]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[14.9034, 19.3235, -29.8555]$, and the grayscale version is $[26.2866, -1.4026, 1.4282]$.

A 20% lighter version of the original color is $[47.7835, -19.6491, 21.4927]$, and $[13.9819, -10.5528, 8.4308]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.8988, -16.9351, 16.5911]$, and if you desaturate by 10%, it is $[29.4788, -14.3768, 15.0039]$.

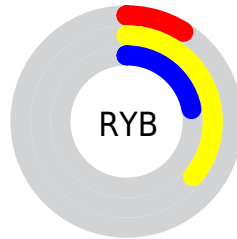
Distribution



Red (24%)

Green (36%)

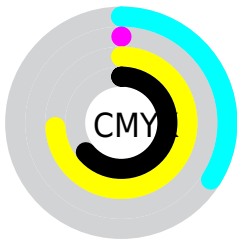
Blue (9%)



Red (9%)

Yellow (36%)

Blue (22%)

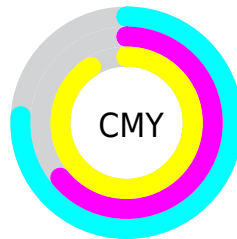


Cyan (34%)

Magenta (0%)

Yellow (74%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1698, -15.7420, 15.9422 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 29.1698, -15.7420, 15.9422 by changing the saturation by 10% instead.

■ 29.1698, -15.7420,
15.9422

■ 29.1698, -15.7420,
15.9422

134.0420,
-32.4410, 38.3408

■ 21.0296, -13.5034,
12.8151

■ 47.9069, -19.8193,
21.6689

■ 13.8295, -11.0324,
9.6807

■ 58.3732, -21.7325,
24.2941

■ 7.4560, -13.0479,
5.2192

■ 69.5071, -23.5915,
26.8072

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.2707, -25.4098,
29.2316

0.0000, NaN, NaN

■ 93.6319, -27.1973,
31.5851

0.0000, NaN, NaN

■ 106.5631,

0.0000, NaN, NaN

-28.9614, 33.8811

0.0000, NaN, NaN

120.0403,
-30.7078, 36.1302

29.1698, -15.7420,
15.9422

29.1698, -15.7420,
15.9422

28.8988, -16.9351,
16.5911

29.4788, -14.3768,
15.0039

28.6604, -17.9712,
17.0011

29.8250, -12.8356,
13.7608

28.5181, -18.5937,
17.2472

30.2099, -11.1203,
12.2047

30.6339, -9.2344,
10.3322

31.0970, -7.1835,
8.1444

■ 31.5991, -4.9746,
5.6461

■ 32.1398, -2.6159,
2.8452

■ 32.7187, -0.1164,
-0.2480

■ 33.3349, 2.5143,
-3.6216

Harmonies

Analogous

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



29.1704, -3.9109, 17.4971



29.1698, -15.7420, 15.9422



29.1704, -22.5772, 10.6484

Triad

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



29.1704, -15.7427, 15.9424



29.1704, -12.3318, -33.5891



29.1704, 31.3142, 3.7721

Complementary

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



29.1698, -15.7420, 15.9422



14.9034, 19.3235, -29.8555

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.



29.1704, 27.8730, -11.8330



29.1698, -15.7420, 15.9422



29.1704, 0.8718, -38.5034

Square

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



29.1704, -15.7427, 15.9424



29.1704, -20.8910, -17.8078



29.1704, 15.9929, -29.1264



29.1704, 24.6540, 12.9780

Rectangle

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



29.1698, -15.7420, 15.9422



29.1704, -24.2605, 3.7939



29.1704, 15.9929, -29.1264



29.1704, 31.3111, -0.8053

Sweetspot

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



29.1704, -15.7427, 15.9424



40.7204, -9.1284, 10.3576



22.2323, 7.7071, 11.5294



19.9719, -4.6988, 5.3244



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.1704, -15.7427, 15.9424



37.5625, -23.1153, 22.0811



27.9040, -20.8932, 14.9921



16.2449, -1.9708, 2.2151



34.6462, -22.8317, 20.9491



80.7460, -54.7769, 48.7964

Inverse Universe

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



14.9034, 19.3235, -29.8555



16.2065, 30.7094, -51.3843



18.6186, 26.9229, -19.5757



15.2542, 0.3295, -0.6011



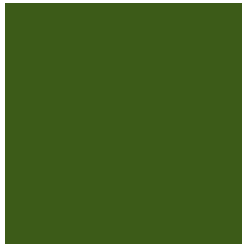
13.4729, 31.3720, -55.6283



30.6940, 72.5130, -134.8043

Previews

White Background



This preview shows how the HunterLab color 29.1698, -15.7420, 15.9422 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

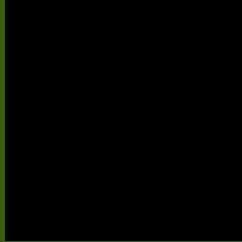
Any Text WCAG AA × Fail

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 29.1698, -15.7420, 15.9422 Background



This preview shows how black text looks on a background with the HunterLab color 29.1698, -15.7420, 15.9422.



This preview shows how white text looks on a background with the HunterLab color 29.1698, -15.7420, 15.9422.

-15.7420, 15.9422.

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

29.1698, -15.7420, 15.9422

Protanopia

28.9272, -3.8752, 16.2012

Deuteranopia

29.0190, 1.7454, 15.5370



Tritanopia

29.2146, -4.4789, -2.6253

Trichromacy



Original Color

29.1698, -15.7420, 15.9422

Protanomaly

28.7478, -8.6362, 15.8912

Deuteranomaly

28.7956, -5.6269, 15.5102

Tritanomaly

28.9480, -9.5422, 6.7945

Monochromacy



Original Color

29.1698, -15.7420, 15.9422

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.9964, -7.3290, 8.2899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1698, -15.7420, 15.9422 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(60, 91, 24)` looks like.

```
.text, #text, p{  
    color:rgb(60, 91, 24)  
}
```

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(60, 91, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 91, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1698, -15.7420, 15.9422 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(60, 91, 24) }
```


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

```
.border{ border-color:rgb(60, 91, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 91, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 91, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 91, 24);  
box-shadow:4px 4px 4px 4px rgb(60, 91, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1698, -15.7420, 15.9422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 91, 24) }
```

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

```
.background{ background-color: rgb(60, 91,  
24) }
```

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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