

Converting Colors

HunterLab(29.1322, -13.3691,
13.0430)

Have a look what the booklet for
HunterLab(29.1322, -13.3691,
13.0430) contains.

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Color

**HunterLab(29.2293,
-13.6421, 13.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5A2B
RGB	63, 90, 43
RGB Percent	25%, 35%, 17%
CMY	0.7529, 0.6471, 0.8314
CMYK	0.30, 0.00, 0.52, 0.65
HSL	94°, 35%, 26%
HSV	94°, 52%, 35%
XYZ	6.1421, 8.5435, 3.6109
YIQ	76.5690, -1.0050, -20.3410

Conversions

Conversions Part 2

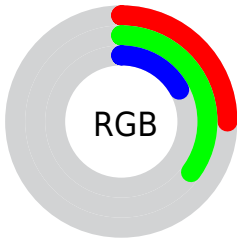
Format	Color
R_{YB}	43, 90, 70
Decimal	4151851
CIE Lab	35.09, -19.57, 23.83
CIE LCh	35, 30.837, 129.395
Yxy	8.5439, 0.3357, 0.4669
Android (android.graphics.Color)	4282341931 (0xFF3F5A2B)
YUV	76.5690, -16.5495, -11.9000
Hunter-Lab	29.2293, -13.6421, 13.1361

Details

The HunterLab color $[29.2293, -13.6421, 13.1361]$ is a dark color, and the websafe version is hex $\#336633$. A complement of this color would be $[19.4121, 14.1710, -17.3353]$, and the grayscale version is $[27.1458, -1.4484, 1.4749]$.

A 20% lighter version of the original color is $[47.8948, -17.0830, 17.2392]$, and $[13.9277, -9.3883, 8.4178]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.8490, -15.3406, 14.3976]$, and if you desaturate by 10%, it is $[29.6576, -11.7439, 11.5740]$.

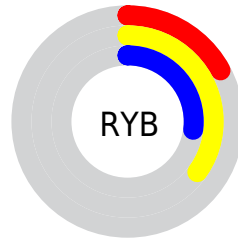
Distribution



Red (25%)

Green (35%)

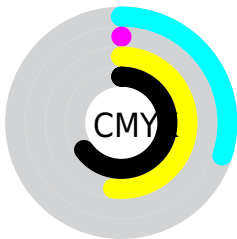
Blue (17%)



Red (17%)

Yellow (35%)

Blue (27%)

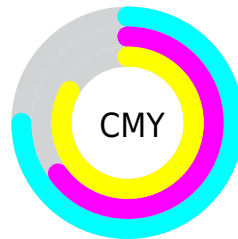


Cyan (30%)

Magenta (0%)

Yellow (52%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2293, -13.6421, 13.1361 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 29.2293, -13.6421, 13.1361 by changing the saturation by 10% instead.

■ 29.2293, -13.6421,
13.1361

■ 29.2293, -13.6421,
13.1361

134.1409,
-28.4370, 30.3400

■ 21.0829, -11.7215,
10.7802

■ 47.9771, -17.1840,
17.3922

■ 13.8759, -9.6223,
9.0595

■ 58.4482, -18.8638,
19.3738

■ 7.5073, -11.7609,
5.2551

■ 69.5865, -20.5058,
21.2911

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.3544, -22.1207,
23.1596

0.0000, NaN, NaN

■ 93.7196, -23.7162,
24.9911

0.0000, NaN, NaN

■ 106.6547,

0.0000, NaN, NaN

-25.2980, 26.7941

0.0000, NaN, NaN

120.1356,
-26.8704, 28.5753

■ 29.2293, -13.6421,
13.1361

■ 29.2293, -13.6421,
13.1361

■ 28.8490, -15.3406,
14.3976

■ 29.6576, -11.7439,
11.5740

■ 28.5141, -16.8332,
15.3631

■ 30.1322, -9.6510,
9.7108

■ 28.2243, -18.1200,
16.0446

■ 30.6534, -7.3732,
7.5513

■ 27.9768, -19.2107,
16.4768

■ 31.2209, -4.9214,
5.1037

■ 27.8036, -19.9805,
16.7827

■ 31.8338, -2.3076,
2.3790

■ 32.4912, 0.4556,
-0.6095

■ 33.1919, 3.3554,
-3.8472

■ 33.9346, 6.3791,
-7.3184

■ 34.7179, 9.5142,
-11.0073

Harmonies

Analogous

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



29.2299, -4.8848, 15.1675



29.2293, -13.6421, 13.1361



29.2299, -18.6170, 7.7414

Triad

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



29.2299, -13.6427, 13.1363



29.2299, -8.5373, -23.7011



29.2299, 21.9623, 4.6448

Complementary

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



29.2293, -13.6421, 13.1361



19.4121, 14.1710, -17.3353

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.



29.2299, 20.6064, -6.2777



29.2293, -13.6421, 13.1361



29.2299, 1.9179, -25.4909

Square

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



29.2299, -13.6427, 13.1363



29.2299, -15.9812, -13.9879



29.2299, 12.8704, -18.2405



29.2299, 16.3431, 11.5811

Rectangle

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



29.2293, -13.6421, 13.1361



29.2299, -19.6120, 1.7995



29.2299, 12.8704, -18.2405



29.2299, 22.3234, 1.3811

Sweetspot

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



29.2299, -13.6427, 13.1363



40.9640, -7.9297, 8.1870



25.8515, 1.8517, 10.7199



20.0950, -4.0908, 4.2170



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.



29.2299, -13.6427, 13.1363



38.0258, -20.8741, 19.4419



28.3278, -17.1319, 11.7164



16.2103, -2.0937, 2.1751



34.1653, -24.8120, 20.6181



79.6345, -59.3752, 48.0310

Inverse Universe

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



19.4121, 14.1710, -17.3353



22.4056, 23.9796, -30.5539



21.4187, 19.1502, -11.3488



15.2911, 0.4550, -0.5520



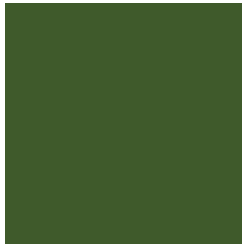
14.7471, 32.8370, -49.2464



33.7311, 75.9180, -118.9182

Previews

White Background



This preview shows how the HunterLab color 29.2293, -13.6421, 13.1361 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

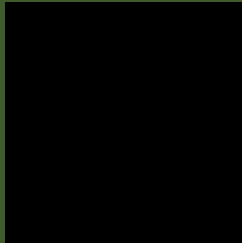
Any Text WCAG AA × Fail

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 29.2293, -13.6421, 13.1361 Background



This preview shows how black text looks on a background with the HunterLab color 29.2293, -13.6421, 13.1361.



This preview shows how white text looks on a background with the HunterLab color 29.2293,

-13.6421, 13.1361.

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

29.2293, -13.6421, 13.1361

Protanopia

29.0033, -3.2761, 13.7106

Deuteranopia

28.9056, 1.7385, 12.5402



Tritanopia

29.2776, -4.2536, -2.5383

Trichromacy



Original Color

29.2293, -13.6421, 13.1361

Protanomaly

28.9938, -7.3848, 13.4467

Deuteranomaly

28.7233, -4.1456, 12.5020

Tritanomaly

29.1618, -8.4371, 4.6498

Monochromacy



Original Color

29.2293, -13.6421, 13.1361

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.9177, -6.3760, 6.4702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2293, -13.6421, 13.1361 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(63, 90, 43)` looks like.

```
.text, #text, p{  
    color:rgb(63, 90, 43)  
}
```

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(63, 90, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 90, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2293, -13.6421, 13.1361 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(63, 90, 43) }
```


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

```
.border{ border-color:rgb(63, 90, 43) }
```

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

Here you see how a box with a 4 pixel rgb(63, 90, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 90, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 90, 43);  
box-shadow:4px 4px 4px 4px rgb(63, 90, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2293, -13.6421, 13.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 90, 43) }
```

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

```
.background{ background-color: rgb(63, 90,  
43) }
```

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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