

Converting Colors

HunterLab(28.7685, -15.3300,
8.0893)

Have a look what the booklet for
HunterLab(28.7685, -15.3300,
8.0893) contains.

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Color

**HunterLab(28.6671,
-15.2492, 7.9718)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5A3E
RGB	45, 90, 62
RGB Percent	18%, 35%, 24%
CMY	0.8235, 0.6471, 0.7569
CMYK	0.50, 0.00, 0.31, 0.65
HSL	143°, 33%, 26%
HSV	143°, 50%, 35%
XYZ	5.6079, 8.2180, 5.8481
YIQ	73.3530, -17.8320, -18.2480

Conversions

Conversions Part 2

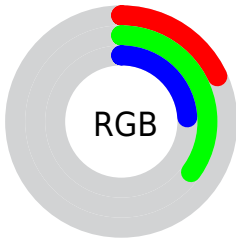
Format	Color
RYB	45, 78, 90
Decimal	2972222
CIELab	34.43, -22.73, 11.49
CIELCh	34, 25.473, 153.178
Yxy	8.2184, 0.2850, 0.4177
Android (android.graphics.Color)	4281162302 (0xFF2D5A3E)
YUV	73.3530, -5.5970, -24.8656
Hunter-Lab	28.6671, -15.2492, 7.9718

Details

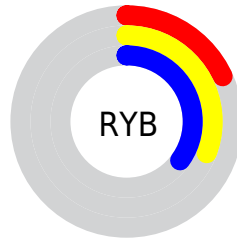
The HunterLab color **28.6671, -15.2492, 7.9718** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21.2877, 16.0567, -4.1584**, and the grayscale version is **25.9621, -1.3853, 1.4106**.

A 20% lighter version of the original color is **47.1822, -18.9784, 10.2038**, and **13.6083, -10.3442, 5.3208** is the 20% darker color. If you saturate the color by 10%, you get **28.2439, -17.1473, 9.1413**, and if you desaturate by 10%, it is **29.1710, -13.0559, 6.7603**.

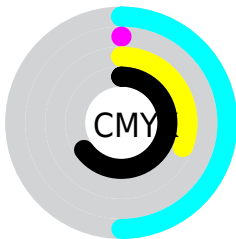
Distribution



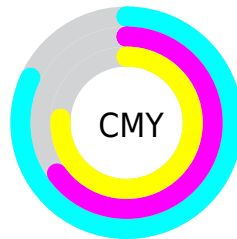
- Red (18%)
- Green (35%)
- Blue (24%)



- Red (18%)
- Yellow (31%)
- Blue (35%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6671, -15.2492, 7.9718 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 28.6671, -15.2492, 7.9718 by changing the saturation by 10% instead.

■ 28.6671, -15.2492,
7.9718

■ 28.6671, -15.2492,
7.9718

133.2047,
-31.6319, 18.9250

■ 20.5791, -13.0568,
6.6675

■ 47.3132, -19.2424,
10.4533

■ 13.4382, -10.6353,
5.2760

■ 57.7390, -21.1174,
11.6641

■ 7.0059, -12.2603,
4.9041

■ 68.8347, -22.9403,
12.8676

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.5622, -24.7242,
14.0695

0.0000, NaN, NaN

■ 92.8891, -26.4790,
15.2737

0.0000, NaN, NaN

■ 105.7875,

0.0000, NaN, NaN

-28.2116, 16.4830

0.0000, NaN, NaN

119.2332,
-29.9279, 17.6996

■ 28.6671, -15.2492,
7.9718

■ 28.6671, -15.2492,
7.9718

■ 28.2439, -17.1473,
9.1413

■ 29.1710, -13.0559,
6.7603

■ 27.8979, -18.7396,
10.2552

■ 29.7543, -10.5823,
5.5190

■ 27.6265, -20.0251,
11.3013

■ 30.4172, -7.8498,
4.2605

■ 27.4248, -21.0135,
12.2679

■ 31.1584, -4.8824,
2.9965

■ 27.2546, -21.8580,
13.1193

■ 31.9760, -1.7061,
1.7373

■ 27.2546, -21.8580,
13.1193

■ 32.8674, 1.6531,
0.4917

■ 33.8297, 5.1696,
-0.7329

■ 34.8599, 8.8196,
-1.9307

■ 35.9546, 12.5812,
-3.0974

Harmonies

Analogous

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



28.6677, -10.3007, 12.1086



28.6671, -15.2492, 7.9718



28.6677, -16.6833, 0.6440

Triad

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



28.6677, -15.2496, 7.9721



28.6677, -0.5771, -19.8926



28.6677, 14.2287, 9.1106

Complementary

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



28.6671, -15.2492, 7.9718



21.2877, 16.0567, -4.1584

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.



28.6677, 17.6157, 2.4476



28.6671, -15.2492, 7.9718



28.6677, 8.4384, -15.6634

Square

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



28.6677, -15.2496, 7.9721



28.6677, -8.8453, -17.0798



28.6677, 15.3785, -6.7913



28.6677, 6.5988, 12.6114

Rectangle

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



28.6671, -15.2492, 7.9718



28.6677, -15.6167, -5.6077



28.6677, 15.3785, -6.7913



28.6677, 15.9407, 7.2524

Sweetspot

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



28.6677, -15.2496, 7.9721



40.6609, -8.6473, 4.8806



29.8969, -11.0286, 13.3056



19.9283, -4.5009, 2.5067



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.



28.6677, -15.2496, 7.9721



37.2597, -23.1210, 12.3833



29.1731, -12.2675, 0.7144



16.1206, -2.3361, 1.4712



33.5254, -27.0117, 16.4066



78.3495, -63.8531, 39.9104

Inverse Universe

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



21.2877, 16.0567, -4.1584



25.6510, 26.5481, -6.4566



20.7114, 13.3335, 4.0295



15.3916, 0.7085, 0.2545



19.2685, 35.1782, -4.4514



44.8939, 81.6139, -7.6697

Previews

White Background



This preview shows how the HunterLab color 28.6671, -15.2492, 7.9718 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

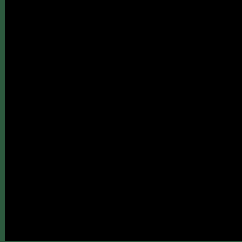
Any Text WCAG AA × Fail

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 28.6671, -15.2492, 7.9718 Background



This preview shows how black text looks on a background with the HunterLab color 28.6671, -15.2492, 7.9718.



This preview shows how white text looks on a background with the HunterLab color 28.6671,

-15.2492, 7.9718.

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

28.6671, -15.2492, 7.9718

Protanopia

28.6646, -2.6082, 9.3375

Deuteranopia

28.4061, 1.9683, 7.0999



Tritanopia

28.6405, -7.9162, -3.9287

Trichromacy



Original Color

28.6671, -15.2492, 7.9718

Protanomaly

28.3445, -7.8364, 8.6736

Deuteranomaly

28.1802, -5.4623, 7.0637

Tritanomaly

28.4670, -10.6486, 0.7289

Monochromacy



Original Color

28.6671, -15.2492, 7.9718

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.6053, -6.8403, 3.7273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6671, -15.2492, 7.9718 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(45, 90, 62)` looks like.

```
.text, #text, p{  
    color:rgb(45, 90, 62)  
}
```

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(45, 90, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 90, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6671, -15.2492, 7.9718 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(45, 90, 62) }
```


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

```
.border{ border-color:rgb(45, 90, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 90, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 90, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 90, 62);  
box-shadow:4px 4px 4px 4px rgb(45, 90, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6671, -15.2492, 7.9718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 90, 62) }
```

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

```
.background{ background-color: rgb(45, 90,  
62) }
```

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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