

Converting Colors

HunterLab(29.7619, -15.3376,
9.1375)

Have a look what the booklet for
HunterLab(29.7619, -15.3376,
9.1375) contains.

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Color

**HunterLab(29.7816,
-15.4254, 9.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	335D3D
RGB	51, 93, 61
RGB Percent	20%, 36%, 24%
CMY	0.8000, 0.6353, 0.7608
CMYK	0.45, 0.00, 0.34, 0.64
HSL	134°, 29%, 28%
HSV	134°, 45%, 36%
XYZ	6.1219, 8.8694, 5.8042
YIQ	76.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

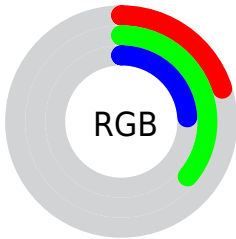
Format	Color
RYB	51, 85, 93
Decimal	3366205
CIELab	35.73, -22.56, 13.92
CIElCh	36, 26.507, 148.316
Yxy	8.8698, 0.2944, 0.4265
Android (android.graphics.Color)	4281556285 (0xFF335D3D)
YUV	76.7940, -7.7864, -22.6213
Hunter-Lab	29.7816, -15.4254, 9.2920

Details

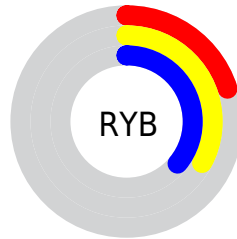
The HunterLab color $29.7816, -15.4254, 9.2920$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $23.0641, 15.8225, -6.5492$, and the grayscale version is $27.1996, -1.4513, 1.4778$.

A 20% lighter version of the original color is $48.7442, -19.4267, 12.0977$, and $14.1795, -10.8254, 6.1549$ is the 20% darker color. If you saturate the color by 10%, you get $29.2926, -17.6185, 10.6986$, and if you desaturate by 10%, it is $30.3604, -12.9024, 7.7749$.

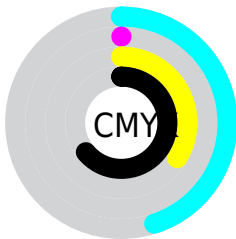
Distribution



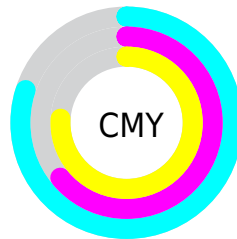
- Red (20%)
- Green (36%)
- Blue (24%)



- Red (20%)
- Yellow (33%)
- Blue (36%)



- Cyan (45%)
- Magenta (0%)
- Yellow (34%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7816, -15.4254, 9.2920 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 29.7816, -15.4254, 9.2920 by changing the saturation by 10% instead.

■ 29.7816, -15.4254,
9.2920

■ 29.7816, -15.4254,
9.2920

135.0569,
-31.6690, 21.4211

■ 21.5786, -13.2701,
7.7973

■ 48.6280, -19.3685,
12.1001

■ 14.3076, -10.9020,
6.1904

■ 59.1431, -21.2252,
13.4548

■ 7.9663, -12.7639,
5.5764

■ 70.3230, -23.0324,
14.7926

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1300, -24.8027,
16.1206

0.0000, NaN, NaN

■ 94.5326, -26.5454,
17.4441

0.0000, NaN, NaN

■ 107.5034,

0.0000, NaN, NaN

-28.2674, 18.7669

0.0000, NaN, NaN

121.0186,
-29.9738, 20.0918

■ 29.7816, -15.4254,
9.2920

■ 29.7816, -15.4254,
9.2920

■ 29.2926, -17.6185,
10.6986

■ 30.3604, -12.9024,
7.7749

■ 28.8902, -19.4652,
11.9791

■ 31.0270, -10.0703,
6.1628

■ 28.5725, -20.9593,
13.1210

■ 31.7808, -6.9565,
4.4727

■ 28.3350, -22.1055,
14.1145

■ 32.6200, -3.5910,
2.7209

■ 28.1616, -22.9623,
14.9460

■ 33.5419, -0.0045,
0.9228

■ 28.0848, -23.3393,
15.2793

■ 34.5431, 3.7723,
-0.9074

■ 35.6202, 7.7108,
-2.7575

■ 36.7695, 11.7842,
-4.6171

■ 37.9871, 15.9688,
-6.4774

Harmonies

Analogous

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



29.7822, -9.6652, 13.1079



29.7816, -15.4254, 9.2920



29.7822, -17.5472, 2.1205

Triad

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



29.7822, -15.4259, 9.2923



29.7822, -2.1184, -21.1071



29.7822, 15.9910, 8.6597

Complementary

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



29.7816, -15.4254, 9.2920



23.0641, 15.8225, -6.5492

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.



29.7822, 18.6463, 1.1130



29.7816, -15.4254, 9.2920



29.7822, 7.4477, -17.7619

Square

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



29.7822, -15.4259, 9.2923



29.7822, -10.4766, -16.9656



29.7822, 15.3468, -8.8608



29.7822, 8.4771, 12.8300

Rectangle

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



29.7816, -15.4254, 9.2920



29.7822, -16.8396, -4.2845



29.7822, 15.3468, -8.8608



29.7822, 17.5193, 6.5206

Sweetspot

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



29.7822, -15.4259, 9.2923



41.6504, -8.7856, 5.6841



31.4901, -9.2092, 13.3458



20.7773, -4.7164, 3.0147



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.7822, -15.4259, 9.2923



38.2908, -23.1713, 14.0779



30.2309, -12.7811, 2.8260



16.1061, -2.4169, 1.6787



33.3939, -27.8328, 18.3436



78.0675, -65.6163, 44.0692

Inverse Universe

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



23.0641, 15.8225, -6.5492



27.8130, 25.8930, -10.5780



22.4610, 12.9317, 1.9601



15.4075, 0.7937, 0.0292



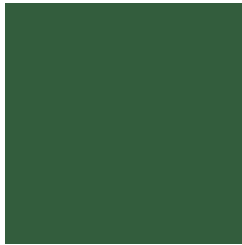
19.8130, 37.1249, -11.9609



46.2100, 86.3276, -25.8878

Previews

White Background



This preview shows how the HunterLab color 29.7816, -15.4254, 9.2920 looks on a white background.

Color Contrast Check

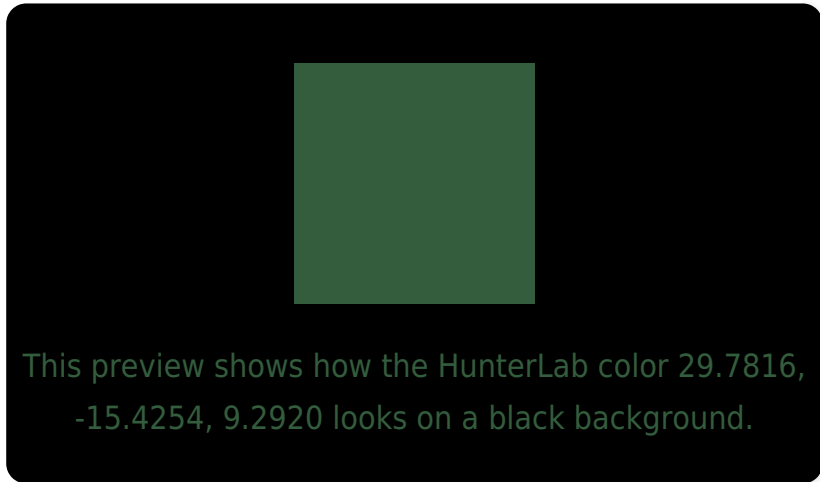
Large Text (above 18pt) WCAG AA ✓ Pass

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

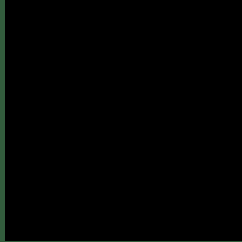
Any Text WCAG AA × Fail

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 29.7816, -15.4254, 9.2920 Background



This preview shows how black text looks on a background with the HunterLab color 29.7816, -15.4254, 9.2920.



This preview shows how white text looks on a background with the HunterLab color 29.7816,

-15.4254, 9.2920.

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

29.7816, -15.4254, 9.2920

Protanopia

29.7661, -2.7780, 10.5828

Deuteranopia

29.5028, 1.8005, 8.4633



Tritanopia

29.8648, -7.5123, -3.6987

Trichromacy



Original Color

29.7816, -15.4254, 9.2920

Protanomaly

29.4251, -8.1057, 9.9239

Deuteranomaly

29.3346, -5.4609, 8.4755

Tritanomaly

29.6270, -10.5865, 1.6936

Monochromacy



Original Color

29.7816, -15.4254, 9.2920

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.0542, -7.0090, 4.5656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7816, -15.4254, 9.2920 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(51, 93, 61)` looks like.

```
.text, #text, p{  
    color:rgb(51, 93, 61)  
}
```

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(51, 93, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 93, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7816, -15.4254, 9.2920 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(51, 93, 61) }
```


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

```
.border{ border-color:rgb(51, 93, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 93, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 93, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 93, 61);  
box-shadow:4px 4px 4px 4px rgb(51, 93, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7816, -15.4254, 9.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 93, 61) }
```

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

```
.background{ background-color: rgb(51, 93,  
61) }
```

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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