

Converting Colors

HunterLab(34.3990, -16.0553,
-0.3937)

Have a look what the booklet for
HunterLab(34.3990, -16.0553,
-0.3937) contains.

HunterLab(34.2635, -15.8990, -0.4700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(34.2635,
-15.8990, -0.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6A65
RGB	42, 106, 101
RGB Percent	16%, 42%, 40%
CMY	0.8353, 0.5843, 0.6039
CMYK	0.60, 0.00, 0.05, 0.58
HSL	175°, 43%, 29%
HSV	175°, 60%, 42%
XYZ	8.4578, 11.7399, 14.1321
YIQ	86.2940, -36.5390, -15.1230

Conversions

Conversions Part 2

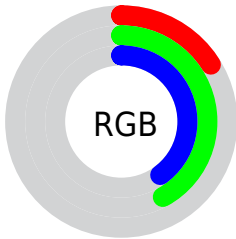
Format	Color
RYB	42, 75, 106
Decimal	2779749
CIELab	40.80, -21.60, -3.33
CIElCh	41, 21.856, 188.766
Yxy	11.7403, 0.2464, 0.3420
Android (android.graphics.Color)	4280969829 (0xFF2A6A65)
YUV	86.2940, 7.2501, -38.8458
Hunter-Lab	34.2635, -15.8990, -0.4700




Details

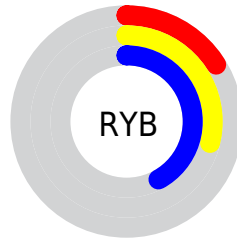
The HunterLab color $34.2635, -15.8990, -0.4700$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $22.1939, 19.7547, 6.8361$, and the grayscale version is $30.5978, -1.6326, 1.6624$.




A 20% lighter version of the original color is $53.9941, -19.7307, 0.3061$, and $18.1451, -10.3192, -0.4035$ is the 20% darker color. If you saturate the color by 10%, you get $33.9551, -17.1550, -0.5062$, and if you desaturate by 10%, it is $34.6562, -14.3371, -0.3255$.

Distribution







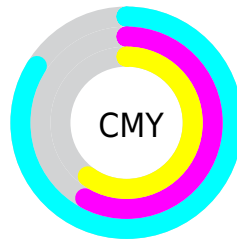
-  Red (16%)
-  Green (42%)
-  Blue (40%)






-  Red (16%)
-  Yellow (29%)
-  Blue (42%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (58%)



-  Cyan (84%)
-  Magenta (58%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2635, -15.8990, -0.4700 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 34.2635, -15.8990, -0.4700 by changing the saturation by 10% instead.

■ 34.2635, -15.8990,
-0.4700

■ 34.2635, -15.8990,
-0.4700

142.3652,
-31.5054, 4.0729

■ 25.6264, -13.8933,
-0.7395

■ 53.8714, -19.6270,
0.2414

■ 17.8687, -11.7294,
-0.9411

■ 64.7285, -21.4011,
0.6707

■ 11.1052, -9.6431,
-1.0603

■ 76.2305, -23.1364,
1.1438

■ 2.9767, -5.2093,
-4.4762

■ 88.3430, -24.8428,
1.6576

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.0368,
-26.5278, 2.2094

0.0000, NaN, NaN

■ 114.2862,

0.0000, NaN, NaN

-28.1971, 2.7970

0.0000, NaN, NaN

128.0690,
-29.8552, 3.4188

■ 34.2635, -15.8990,
-0.4700

■ 34.2635, -15.8990,
-0.4700

■ 33.9551, -17.1550,
-0.5062

■ 34.6562, -14.3371,
-0.3255

■ 33.7241, -18.1137,
-0.4416

■ 35.1345, -12.4681,
-0.0709

■ 33.5647, -18.7942,
-0.2846

■ 35.7009, -10.2990,
0.2949

■ 33.4439, -19.3215,
-0.0924

■ 36.3563, -7.8426,
0.7705

■ 37.1004, -5.1165,
1.3522

■ 37.9320, -2.1419,
2.0352

■ 38.8494, 1.0582,
2.8132

■ 39.8500, 4.4596,
3.6795

■ 40.9310, 8.0386,
4.6267

Harmonies

Analogous

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



34.2642, -15.1677, 6.8071



34.2635, -15.8990, -0.4700



34.2642, -13.1438, -8.7642

Triad

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



34.2642, -15.8992, -0.4695



34.2642, 8.4731, -11.8084



34.2642, 3.9928, 12.9970

Complementary

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



34.2635, -15.8990, -0.4700



22.1939, 19.7547, 6.8361

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.



34.2642, 11.1735, 9.9027



34.2635, -15.8990, -0.4700



34.2642, 13.9226, -3.9440

Square

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



34.2642, -15.8992, -0.4695



34.2642, 0.5750, -16.2378



34.2642, 14.9541, 4.0462



34.2642, -4.1706, 13.5110

Rectangle

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



34.2635, -15.8990, -0.4700



34.2642, -9.5350, -13.3685



34.2642, 14.9541, 4.0462



34.2642, 6.6223, 12.2656

Sweetspot

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



34.2642, -15.8992, -0.4695



48.3393, -9.7378, 1.1548



33.2986, -22.0349, 16.2319



23.2963, -5.0815, 0.4832



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.2642, -15.8992, -0.4695



44.8599, -23.2296, -0.6546



26.7833, -4.3717, -13.7591



18.6763, -2.3658, 0.7237



37.2534, -21.5418, -0.0609



84.0576, -48.8354, 0.3569

Inverse Universe

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



22.1939, 19.7547, 6.8361



26.4564, 32.2480, 11.0038



27.2894, 7.6449, 12.1897



17.6643, 0.4991, 1.2833



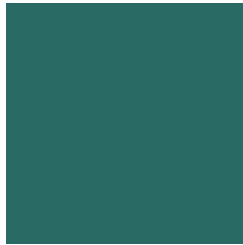
19.5520, 33.5861, 11.8377



44.0726, 75.5834, 27.6440

Previews

White Background



This preview shows how the HunterLab color 34.2635, -15.8990, -0.4700 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 × Fail

Black Background



This preview shows how the HunterLab color 34.2635, -15.8990, -0.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

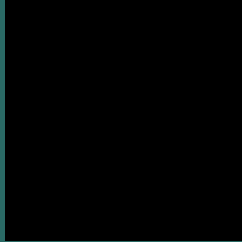
Any Text WCAG AA × Fail

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 34.2635, -15.8990, -0.4700 Background



This preview shows how black text looks on a background with the HunterLab color 34.2635, -15.8990, -0.4700.



This preview shows how white text looks on a background with the HunterLab color 34.2635,

-15.8990, -0.4700.

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

34.2635, -15.8990, -0.4700

Protanopia

34.0695, -0.9690, 2.1356

Deuteranopia

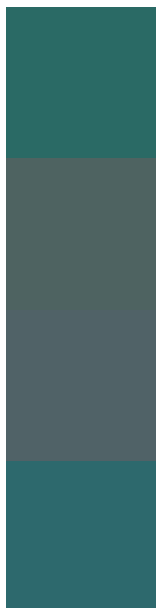
34.0513, 2.1615, -1.7839



Tritanopia

34.2012, -12.3412, -6.2245

Trichromacy



Original Color

34.2635, -15.8990, -0.4700

Protanomaly

33.7734, -7.5124, 0.8259

Deuteranomaly

33.7937, -5.6627, -1.7890

Tritanomaly

34.3004, -13.7407, -4.1135

Monochromacy



Original Color

34.2635, -15.8990, -0.4700

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.4422, -7.7425, 0.5754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2635, -15.8990, -0.4700 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(42, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(42, 106, 101)  
}
```

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(42, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 106, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2635, -15.8990, -0.4700 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(42, 106, 101) }
```


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

```
.border{ border-color:rgb(42, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(42, 106,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2635, -15.8990, -0.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 106, 101) }
```

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

```
.background{ background-color: rgb(42, 106,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor