

Converting Colors

HunterLab(30.5141, -3.8411,
-15.6988)

Have a look what the booklet for
HunterLab(30.5141, -3.8411,
-15.6988) contains.

HunterLab(30.4715, -3.6270, -15.8618)	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(30.4715, -3.6270,
-15.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	365978
RGB	54, 89, 120
RGB Percent	21%, 35%, 47%
CMY	0.7882, 0.6510, 0.5294
CMYK	0.55, 0.26, 0.00, 0.53
HSL	208°, 38%, 34%
HSV	208°, 55%, 47%
XYZ	8.4839, 9.2851, 19.1144
YIQ	82.0690, -30.8110, 2.2210

Conversions

Conversions Part 2

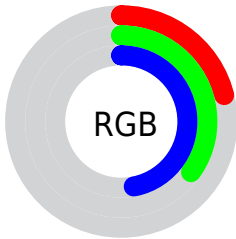
Format	Color
RYB	54, 77, 120
Decimal	3561848
CIELab	36.53, -2.96, -21.42
CIELCh	37, 21.624, 262.139
Yxy	9.2855, 0.2300, 0.2517
Android (android.graphics.Color)	4281751928 (0xFF365978)
YUV	82.0690, 18.7000, -24.6165
Hunter-Lab	30.4715, -3.6270, -15.8618

Details

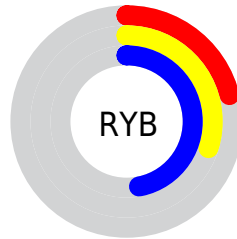
The HunterLab color **30.4715, -3.6270, -15.8618** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **32.7977, 6.0655, 14.0061**, and the grayscale version is **29.0157, -1.5482, 1.5765**.

A 20% lighter version of the original color is **49.5055, -5.0643, -16.3273**, and **15.0210, -2.0682, -14.3102** is the 20% darker color. If you saturate the color by 10%, you get **28.4445, -2.9232, -19.5626**, and if you desaturate by 10%, it is **32.6095, -3.9872, -12.2841**.

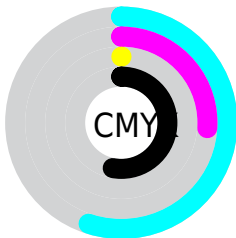
Distribution



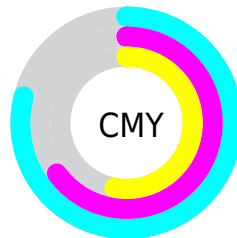
- Red (21%)
- Green (35%)
- Blue (47%)



- Red (21%)
- Yellow (30%)
- Blue (47%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (79%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4715, -3.6270, -15.8618 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 30.4715, -3.6270, -15.8618 by changing the saturation by 10% instead.

■ 30.4715, -3.6270,
-15.8618

■ 30.4715, -3.6270,
-15.8618

■ 136.1960,
-10.5953, -17.6413

■ 22.1987, -2.9792,
-15.3775

■ 49.4394, -4.9986,
-16.6805

■ 14.8492, -2.3539,
-14.9052

■ 60.0090, -5.7233,
-16.9954

■ 8.5012, -1.9699,
-14.8224

■ 71.2400, -6.4738,
-17.2465

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 83.0956, -7.2496,
-17.4363

0.0000, NaN, NaN

■ 95.5444, -8.0501,
-17.5677

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.5593, -8.8750,

-17.6437

0.0000, NaN, NaN

122.1168, -9.7235,
-17.6673

■ 30.4715, -3.6270,
-15.8618

■ 30.4715, -3.6270,
-15.8618

■ 28.4445, -2.9232,
-19.5626

■ 32.6095, -3.9872,
-12.2841

■ 26.5376, -1.8395,
-23.3803

■ 34.8468, -4.0416,
-8.8321

■ 24.7616, -0.3467,
-27.2960

■ 37.1748, -3.8260,
-5.5006

■ 23.1186, 1.5472,
-31.2990

■ 39.5851, -3.3732,
-2.2818

■ 22.3202, 2.5502,
-33.4034

■ 42.0705, -2.7125,
0.8335

■ 44.6244, -1.8691,
3.8553

■ 47.2414, -0.8649,
6.7933

■ 49.9164, 0.2814,
9.6569

■ 52.6452, 1.5536,
12.4546

Harmonies

Analogous

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



30.4721, -10.1961, -11.6947



30.4715, -3.6270, -15.8618



30.4721, 4.1580, -14.4923

Triad

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



30.4721, -3.6270, -15.8612



30.4721, 13.3422, 6.5054



30.4721, -12.4624, 9.1013

Complementary

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



30.4715, -3.6270, -15.8618



32.7977, 6.0655, 14.0061

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.



30.4721, -7.0112, 12.0367



30.4715, -3.6270, -15.8618



30.4721, 8.0067, 10.8180

Square

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



30.4721, -3.6270, -15.8612



30.4721, 14.4776, -0.3320



30.4721, 0.4248, 12.5758



30.4721, -14.9563, 3.5235

Rectangle

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



30.4715, -3.6270, -15.8618



30.4721, 8.9610, -10.7487



30.4721, 0.4248, 12.5758



30.4721, -10.9425, 10.3664

Sweetspot

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



30.4721, -3.6270, -15.8612



52.0457, -4.5747, -3.6130



38.5619, -21.7963, 10.2293



25.0806, -2.2812, -2.0946



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



30.4721, -3.6270, -15.8612



37.0445, -3.5508, -27.2562



22.3351, 11.5485, -33.2054



20.5246, -1.5032, -0.2143



23.2515, 2.7762, -35.0553



49.0632, 9.2762, -81.3494

Inverse Universe

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



27.1166, 24.0893, -3.5348



32.5998, 39.1136, -4.6909



41.4361, -8.4695, 20.3900



20.1178, 0.9842, 0.4880



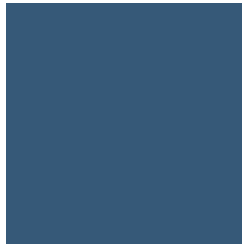
21.8005, 39.1525, -0.0087



47.4313, 84.8488, 2.5770

Previews

White Background



This preview shows how the HunterLab color 30.4715, -3.6270, -15.8618 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



This preview shows how the HunterLab color 30.4715, -3.6270, -15.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

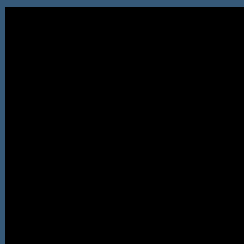
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

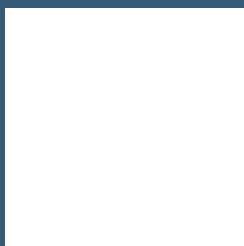
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 30.4715, -3.6270, -15.8618 Background



This preview shows how black text looks on a background with the HunterLab color 30.4715, -3.6270, -15.8618.



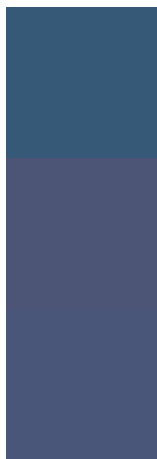
This preview shows how white text looks on a background with the HunterLab color 30.4715, -3.6270, -15.8618.

-15.8618.

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

30.4715, -3.6270, -15.8618

Protanopia

30.5252, 1.7819, -13.8481

Deuteranopia

30.4860, 1.9652, -16.3606



Tritanopia

30.5829, -10.4058, -4.7108

Trichromacy



Original Color

30.4715, -3.6270, -15.8618

Protanomaly

30.3192, -0.1800, -14.8375

Deuteranomaly

30.3221, 0.0690, -16.6849

Tritanomaly

30.6495, -8.2313, -8.1660

Monochromacy



Original Color

30.4715, -3.6270, -15.8618

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.5284, -3.1191, -4.0794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4715, -3.6270, -15.8618 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(54, 89, 120)` looks like.

```
.text, #text, p{  
    color:rgb(54, 89, 120)  
}
```

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(54, 89, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 89, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4715, -3.6270, -15.8618 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(54, 89, 120) }
```


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

```
.border{ border-color:rgb(54, 89, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 89, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 89, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 89, 120);  
box-shadow:4px 4px 4px 4px rgb(54, 89,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4715, -3.6270, -15.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 89, 120) }
```

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

```
.background{ background-color: rgb(54, 89,  
120) }
```

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