

Converting Colors

HunterLab(30.6655, -7.2511,
-15.8011)

Have a look what the booklet for
HunterLab(30.6655, -7.2511,
-15.8011) contains.

HunterLab(30.6356, -7.3212, -15.6400)	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(30.6356, -7.3212,
-15.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	245C78
RGB	36, 92, 120
RGB Percent	14%, 36%, 47%
CMY	0.8588, 0.6392, 0.5294
CMYK	0.70, 0.23, 0.00, 0.53
HSL	200°, 54%, 31%
HSV	200°, 70%, 47%
XYZ	7.9448, 9.3854, 19.1621
YIQ	78.4480, -42.3640, -3.1640

Conversions

Conversions Part 2

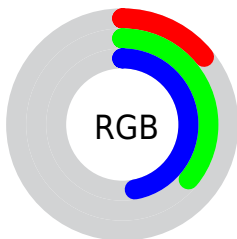
Format	Color
R _Y B	36, 70, 120
Decimal	2382968
CIE Lab	36.72, -8.61, -21.19
CIE LCh	37, 22.870, 247.895
Yxy	9.3857, 0.2177, 0.2572
Android (android.graphics.Color)	4280573048 (0xFF245C78)
YUV	78.4480, 20.4851, -37.2269
Hunter-Lab	30.6356, -7.3212, -15.6400

Details

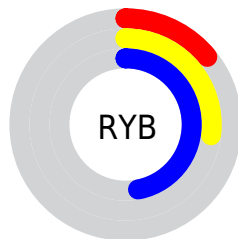
The HunterLab color **30.6356, -7.3212, -15.6400** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.9066, 14.4739, 13.9024**, and the grayscale version is **27.7033, -1.4782, 1.5052**.

A 20% lighter version of the original color is **49.5467, -9.4879, -16.3406**, and **15.5207, -2.8449, -13.2583** is the 20% darker color. If you saturate the color by 10%, you get **29.2061, -6.7589, -18.1946**, and if you desaturate by 10%, it is **32.1723, -7.5193, -13.0543**.

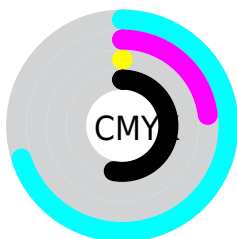
Distribution



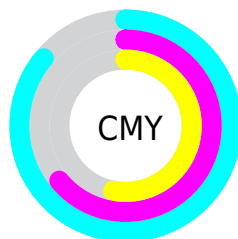
- Red (14%)
- Green (36%)
- Blue (47%)



- Red (14%)
- Yellow (27%)
- Blue (47%)



- Cyan (70%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6356, -7.3212, -15.6400 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 30.6356, -7.3212, -15.6400 by changing the saturation by 10% instead.

■ 30.6356, -7.3212,
-15.6400

■ 30.6356, -7.3212,
-15.6400

■ 136.4661,
-16.8704, -17.3464

■ 22.3464, -6.2650,
-15.1604

■ 49.6322, -9.3982,
-16.4438

■ 14.9784, -5.1743,
-14.6870

■ 60.2146, -10.4366,
-16.7503

■ 8.6230, -4.8094,
-14.5387

■ 71.4577, -11.4812,
-16.9929

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 83.3247, -12.5348,
-17.1742

0.0000, NaN, NaN

■ 95.7844, -13.5994,
-17.2972

0.0000, NaN, NaN

■ 108.8098,

0.0000, NaN, NaN

-14.6762, -17.3650

0.0000, NaN, NaN

122.3773,
-15.7664, -17.3805

■ 30.6356, -7.3212,
-15.6400

■ 30.6356, -7.3212,
-15.6400

■ 29.2061, -6.7589,
-18.1946

■ 32.1723, -7.5193,
-13.0543

■ 27.8838, -5.8276,
-20.7037

■ 33.8105, -7.3705,
-10.4555

■ 26.6337, -4.6612,
-23.2270

■ 35.5457, -6.8981,
-7.8570

■ 26.6332, -4.6607,
-23.2281

■ 37.3719, -6.1290,
-5.2698

■ 39.2835, -5.0906,
-2.7020

■ 41.2744, -3.8099,
-0.1590

■ 43.3393, -2.3118,
2.3557

■ 45.4730, -0.6193,
4.8407

■ 47.6706, 1.2469,
7.2956

Harmonies

Analogous

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



30.6361, -13.0633, -8.9924



30.6356, -7.3212, -15.6400



30.6361, 0.5494, -17.1119

Triad

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



30.6361, -7.3211, -15.6394



30.6361, 15.5101, 3.6483



30.6361, -10.6922, 11.2643

Complementary

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



30.6356, -7.3212, -15.6400



27.9066, 14.4739, 13.9024

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.



30.6361, -3.7624, 13.0759



30.6356, -7.3212, -15.6400



30.6361, 11.7580, 9.4933

Square

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



30.6361, -7.3211, -15.6394



30.6361, 14.3022, -4.4990



30.6361, 4.4958, 12.5256



30.6361, -14.8630, 6.7703

Rectangle

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



30.6356, -7.3212, -15.6400



30.6361, 6.0574, -14.6786



30.6361, 4.4958, 12.5256



30.6361, -8.6385, 12.1454

Sweetspot

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



30.6361, -7.3211, -15.6394



51.7058, -6.9819, -4.0986



37.6542, -26.2180, 15.1050



24.8970, -3.5551, -2.3592



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.



30.6361, -7.3211, -15.6394



37.6530, -8.2728, -26.1556



20.0320, 11.8030, -40.0430



20.7315, -1.8413, 0.0354



27.7700, -4.7943, -24.3605



59.3061, -8.3754, -56.0473

Inverse Universe

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



24.5518, 31.9818, -8.7634



29.8049, 49.0124, -11.2672



37.9853, -4.3582, 20.7242



20.1392, 1.0993, 0.1834



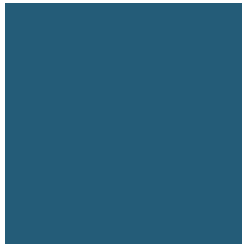
22.3279, 41.0550, -7.4147



48.5982, 89.0659, -13.8683

Previews

White Background



This preview shows how the HunterLab color 30.6356, -7.3212, -15.6400 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 30.6356, -7.3212, -15.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

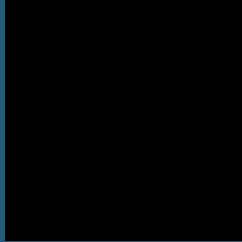
Any Text WCAG AA × Fail

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 30.6356, -7.3212, -15.6400 Background



This preview shows how black text looks on a background with the HunterLab color 30.6356, -7.3212, -15.6400.



This preview shows how white text looks on a background with the HunterLab color 30.6356, -7.3212, -15.6400.

-15.6400.

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

30.6356, -7.3212, -15.6400

Protanopia

30.5851, 1.8315, -12.5637

Deuteranopia

30.5264, 2.1818, -16.9130



Tritanopia

30.5907, -13.1717, -6.2513

Trichromacy



Original Color

30.6356, -7.3212, -15.6400

Protanomaly

30.5296, -2.2645, -13.9114

Deuteranomaly

30.5296, -1.9495, -16.3519

Tritanomaly

30.5883, -11.2687, -9.3926

Monochromacy



Original Color

30.6356, -7.3212, -15.6400

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.3436, -4.7682, -4.2811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6356, -7.3212, -15.6400 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(36, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(36, 92, 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(36, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 92, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6356, -7.3212, -15.6400 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(36, 92, 120) }
```


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

```
.border{ border-color:rgb(36, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(36, 92,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.6356, -7.3212, -15.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 92, 120) }
```

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

```
.background{ background-color: rgb(36, 92,  
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