

Converting Colors

HunterLab(36.3367, -13.0271,
-10.8795)

Have a look what the booklet for
HunterLab(36.3367, -13.0271,
-10.8795) contains.

| | |
|---|----|
| HunterLab(36.2249, -12.7801, -11.3273) | 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(36.2249,
-12.7801, -11.3273)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 266E80 |
| RGB | 38, 110, 128 |
| RGB Percent | 15%, 43%, 50% |
| CMY | 0.8510, 0.5686, 0.4980 |
| CMYK | 0.70, 0.14, 0.00, 0.50 |
| HSL | 192°, 54%, 33% |
| HSV | 192°, 70%, 50% |
| XYZ | 10.2715, 13.1224, 22.4136 |
| YIQ | 90.5240, -48.6900, -9.6660 |

Conversions

Conversions Part 2

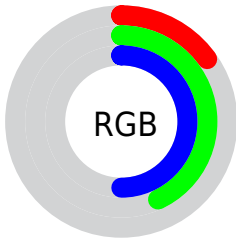
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 38, 78, 128 |
| Decimal | 2518656 |
| CIE _{Lab} | 42.95, -15.92, -16.46 |
| CIE _{LCh} | 43, 22.898, 225.945 |
| Yxy | 13.1229, 0.2242, 0.2865 |
| Android (android.graphics.Color) | 4280708736 (0xFF266E80) |
| YUV | 90.5240, 18.4757, -46.0635 |
| Hunter-Lab | 36.2249, -12.7801, -11.3273 |

Details

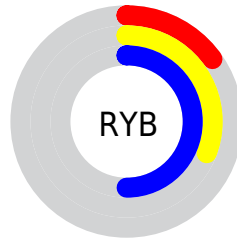
The HunterLab color **36.2249, -12.7801, -11.3273** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.4918, 21.1454, 13.3549**, and the grayscale version is **32.1164, -1.7137, 1.7449**.

A 20% lighter version of the original color is **56.2226, -15.9056, -11.7355**, and **20.0244, -7.1066, -9.6876** is the 20% darker color. If you saturate the color by 10%, you get **35.1789, -12.8207, -12.9669**, and if you desaturate by 10%, it is **37.3764, -12.3593, -9.5810**.

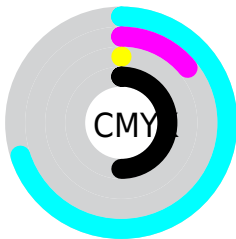
Distribution



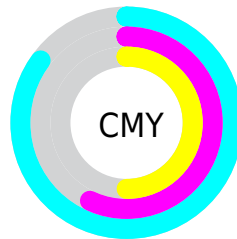
- Red (15%)
- Green (43%)
- Blue (50%)



- Red (15%)
- Yellow (31%)
- Blue (50%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2249, -12.7801, -11.3273 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 36.2249, -12.7801, -11.3273 by changing the saturation by 10% instead.

36.2249, -12.7801,
-11.3273

36.2249, -12.7801,
-11.3273

145.5005,
-25.6859, -11.3194

27.4103, -11.2180,
-11.0093

56.1466, -15.7543,
-11.7438

19.4553, -9.5683,
-10.6226

67.1454, -17.1980,
-11.8503

12.4663, -7.7734,
-10.1954

78.7812, -18.6254,
-11.8949

5.7127, -9.9972,
-12.7476

91.0209, -20.0427,
-11.8816

0.0000, NaN, -NF

0.0000, NaN, NaN

103.8360,
-21.4544, -11.8143

0.0000, NaN, NaN

117.2018,

0.0000, NaN, NaN

-22.8638, -11.6962

0.0000, NaN, NaN

131.0964,
-24.2736, -11.5304

■ 36.2249, -12.7801,
-11.3273

■ 36.2249, -12.7801,
-11.3273

■ 35.1789, -12.8207,
-12.9669

■ 37.3764, -12.3593,
-9.5810

■ 34.2326, -12.4921,
-14.4957

■ 38.6323, -11.5614,
-7.7400

■ 33.3769, -11.9507,
-15.9202

■ 39.9921, -10.3995,
-5.8160

■ 41.4532, -8.8933,
-3.8221

■ 43.0121, -7.0667,
-1.7710

■ 44.6645, -4.9456,
0.3258

■ 46.4060, -2.5567,
2.4581

■ 48.2317, 0.0742,
4.6169

■ 50.1372, 2.9224,
6.7949

Harmonies

Analogous

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



36.2256, -16.5675, -2.6448



36.2249, -12.7801, -11.3273



36.2256, -5.8825, -16.9571

Triad

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



36.2256, -12.7801, -11.3267



36.2256, 15.6344, -2.0807



36.2256, -6.3876, 14.1157

Complementary

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



36.2249, -12.7801, -11.3273



27.4918, 21.1454, 13.3549

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.



36.2256, 2.1894, 14.1983



36.2249, -12.7801, -11.3273



36.2256, 15.4667, 6.0510

Square

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



36.2256, -12.7801, -11.3267



36.2256, 10.7971, -10.8311



36.2256, 10.3585, 11.5916



36.2256, -13.1199, 11.3310

Rectangle

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



36.2249, -12.7801, -11.3273



36.2256, -0.1977, -17.5361



36.2256, 10.3585, 11.5916



36.2256, -3.6399, 14.4337

Sweetspot

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



36.2256, -12.7801, -11.3267



56.8228, -9.6823, -2.6730



40.1520, -29.3816, 18.9814



27.2614, -4.9661, -1.5974



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



36.2256, -12.7801, -11.3267



45.9565, -16.8248, -18.3648



24.3439, 6.3321, -34.6274



21.7839, -2.2669, 0.2830



33.2387, -11.9041, -15.8480

0.0000, NaN, NaN

Inverse Universe

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



26.6489, 36.4895, -15.7621



32.6714, 55.5642, -22.4641



37.0788, 1.3620, 19.9387



20.9717, 1.2815, -0.1334



23.4730, 44.2850, -16.5120

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 36.2249, -12.7801, -11.3273 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 36.2249, -12.7801, -11.3273 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 36.2249, -12.7801, -11.3273 Background



This preview shows how black text looks on a background with the HunterLab color 36.2249, -12.7801, -11.3273.



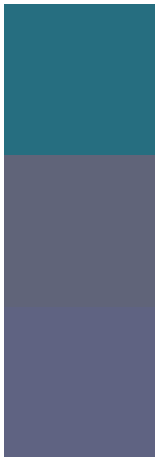
This preview shows how white text looks on a background with the HunterLab color 36.2249, -12.7801, -11.3273.

-12.7801, -11.3273.

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

36.2249, -12.7801, -11.3273

Protanopia

36.0300, 0.5210, -7.5564

Deuteranopia

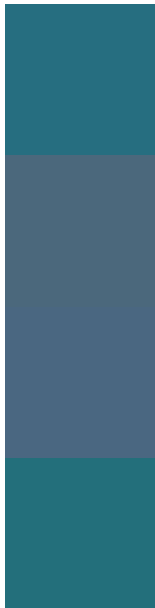
36.0115, 2.4606, -12.5377



Tritanopia

36.1224, -15.2724, -7.1748

Trichromacy



Original Color

36.2249, -12.7801, -11.3273

Protanomaly

35.8493, -5.5252, -9.5438

Deuteranomaly

35.6950, -4.2744, -12.5772

Tritanomaly

36.2716, -14.4958, -8.5343

Monochromacy



Original Color

36.2249, -12.7801, -11.3273

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.3355, -7.2599, -2.8795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2249, -12.7801, -11.3273 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(38, 110, 128)` looks like.

```
.text, #text, p{  
    color:rgb(38, 110, 128)  
}
```

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(38, 110, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 110, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2249, -12.7801, -11.3273 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(38, 110, 128) }
```


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

```
.border{ border-color:rgb(38, 110, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 110, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 110, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 110, 128);  
box-shadow:4px 4px 4px 4px rgb(38, 110,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2249, -12.7801, -11.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 110, 128) }
```

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

```
.background{ background-color: rgb(38, 110,  
128) }
```

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