

Converting Colors

HunterLab(36.6544, -12.4168,
-13.5301)

Have a look what the booklet for
HunterLab(36.6544, -12.4168,
-13.5301) contains.

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Color

**HunterLab(36.6329,
-12.4025, -13.5590)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 236F85 |
| RGB | 35, 111, 133 |
| RGB Percent | 14%, 44%, 52% |
| CMY | 0.8627, 0.5647, 0.4784 |
| CMYK | 0.74, 0.17, 0.00, 0.48 |
| HSL | 193°, 58%, 33% |
| HSV | 193°, 74%, 52% |
| XYZ | 10.6112, 13.4197, 24.2214 |
| YIQ | 90.7840, -52.3580, -9.2700 |

Conversions

Conversions Part 2

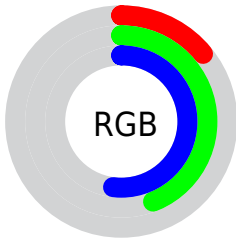
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 35, 78, 133 |
| Decimal | 2322309 |
| CIELab | 43.39, -15.23, -18.79 |
| CIELCh | 43, 24.185, 230.972 |
| Yxy | 13.4202, 0.2199, 0.2781 |
| Android (android.graphics.Color) | 4280512389 (0xFF236F85) |
| YUV | 90.7840, 20.8125, -48.9226 |
| Hunter-Lab | 36.6329, -12.4025, -13.5590 |

Details

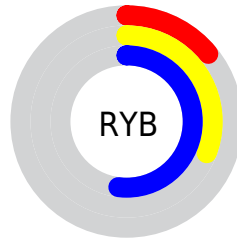
The HunterLab color **36.6329, -12.4025, -13.5590** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28.3458, 22.4346, 14.5322**, and the grayscale version is **32.2052, -1.7184, 1.7498**.

A 20% lighter version of the original color is **56.6738, -15.4747, -13.9475**, and **20.4439, -6.6248, -11.2520** is the 20% darker color. If you saturate the color by 10%, you get **35.4813, -12.1745, -15.4307**, and if you desaturate by 10%, it is **37.8961, -12.2302, -11.5808**.

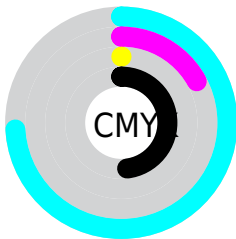
Distribution



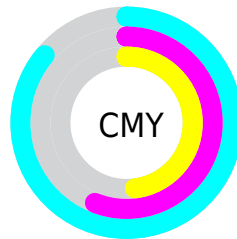
- Red (14%)
- Green (44%)
- Blue (52%)



- Red (14%)
- Yellow (31%)
- Blue (52%)



- Cyan (74%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (86%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6329, -12.4025, -13.5590 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 36.6329, -12.4025, -13.5590 by changing the saturation by 10% instead.

36.6329, -12.4025,
-13.5590

36.6329, -12.4025,
-13.5590

146.1483,
-24.9861, -14.2337

27.7822, -10.8932,
-13.1709

56.6186, -15.2869,
-14.1295

19.7873, -9.3046,
-12.7279

67.6463, -16.6911,
-14.3146

12.7528, -7.5839,
-12.2784

79.3094, -18.0818,
-14.4372

6.1258, -10.7202,
-14.4687

91.5751, -19.4646,
-14.5010

0.0000, NaN, -NF

0.0000, NaN, NaN

104.4150,
-20.8437, -14.5095

0.0000, NaN, NaN

117.8046,

0.0000, NaN, NaN

-22.2221, -14.4659

0.0000, NaN, NaN

131.7221,
-23.6022, -14.3731

■ 36.6329, -12.4025,
-13.5590

■ 36.6329, -12.4025,
-13.5590

■ 35.4813, -12.1745,
-15.4307

■ 37.8961, -12.2302,
-11.5808

■ 34.4340, -11.5649,
-17.1932

■ 39.2700, -11.6592,
-9.5097

■ 33.7971, -11.0927,
-18.2974

■ 40.7538, -10.7020,
-7.3588

■ 42.3445, -9.3794,
-5.1427

■ 44.0381, -7.7167,
-2.8750

■ 45.8299, -5.7413,
-0.5683

■ 47.7148, -3.4817,
1.7668

■ 49.6877, -0.9651,
4.1214

■ 51.7435, 1.7822,
6.4883

Harmonies

Analogous

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



36.6336, -16.9970, -4.5249



36.6329, -12.4025, -13.5590



36.6336, -4.6800, -18.7164

Triad

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



36.6336, -12.4024, -13.5584



36.6336, 17.1147, -0.7341



36.6336, -8.0508, 14.4441

Complementary

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



36.6329, -12.4025, -13.5590



28.3458, 22.4346, 14.5322

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.



36.6336, 0.8487, 14.9835



36.6329, -12.4025, -13.5590



36.6336, 15.9859, 7.4990

Square

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



36.6336, -12.4024, -13.5584



36.6336, 12.7569, -10.2053



36.6336, 9.8090, 12.7694



36.6336, -14.6615, 11.0546

Rectangle

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



36.6329, -12.4025, -13.5590



36.6336, 1.4568, -18.5664



36.6336, 9.8090, 12.7694



36.6336, -5.2495, 14.9254

Sweetspot

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



36.6336, -12.4024, -13.5584



59.2078, -10.0357, -3.4857



41.7380, -31.1272, 19.8155



27.8547, -5.0231, -1.9802



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



36.6336, -12.4024, -13.5584



46.5800, -15.8314, -22.1564



23.6235, 9.2235, -40.9757



22.5971, -2.2974, 0.2384



33.0033, -10.8518, -17.8253



2.2027, -0.9831, -0.6310

Inverse Universe

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



27.0865, 39.2146, -15.5429



33.6564, 59.1467, -21.3526



39.0631, 0.4206, 21.6636



21.7840, 1.3272, -0.0872



23.8464, 44.7658, -15.0409



1.4418, 2.7697, -1.3982

Previews

White Background



This preview shows how the HunterLab color 36.6329, -12.4025, -13.5590 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 36.6329, -12.4025, -13.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

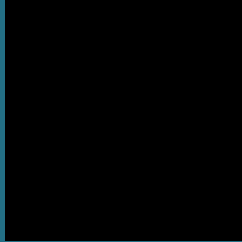
Any Text WCAG AA × Fail

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 36.6329, -12.4025, -13.5590 Background



This preview shows how black text looks on a background with the HunterLab color 36.6329, -12.4025, -13.5590.



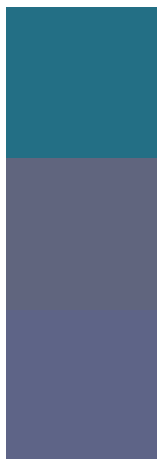
This preview shows how white text looks on a background with the HunterLab color 36.6329, -12.4025, -13.5590.

-12.4025, -13.5590.

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

36.6329, -12.4025, -13.5590

Protanopia

36.4699, 0.9971, -9.5996

Deuteranopia

36.3913, 2.7606, -14.8723



Tritanopia

36.6538, -16.2050, -7.4810

Trichromacy



Original Color

36.6329, -12.4025, -13.5590

Protanomaly

36.2546, -5.1608, -11.7154

Deuteranomaly

36.1086, -3.8639, -14.8515

Tritanomaly

36.5457, -14.7861, -9.7626

Monochromacy



Original Color

36.6329, -12.4025, -13.5590

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.3400, -7.1201, -3.8296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6329, -12.4025, -13.5590 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(35, 111, 133)` looks like.

```
.text, #text, p{  
    color:rgb(35, 111, 133)  
}
```

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(35, 111, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 111, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6329, -12.4025, -13.5590 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(35, 111, 133) }
```


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

```
.border{ border-color:rgb(35, 111, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 111, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 111, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 111, 133);  
box-shadow:4px 4px 4px 4px rgb(35, 111,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6329, -12.4025, -13.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 111, 133) }
```

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

```
.background{ background-color: rgb(35, 111,  
133) }
```

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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