

Converting Colors

HunterLab(36.4790, -1.6014,
-36.6638)

Have a look what the booklet for
HunterLab(36.4790, -1.6014,
-36.6638) contains.

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Color

HunterLab(36.4012, -1.3285,
-37.1403)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 2369A7 |
| RGB | 35, 105, 167 |
| RGB Percent | 14%, 41%, 65% |
| CMY | 0.8627, 0.5882, 0.3451 |
| CMYK | 0.79, 0.37, 0.00, 0.35 |
| HSL | 208°, 65%, 40% |
| HSV | 208°, 79%, 65% |
| XYZ | 12.7197, 13.2505, 38.4464 |
| YIQ | 91.1380, -61.6220, 4.4420 |

Conversions

Conversions Part 2

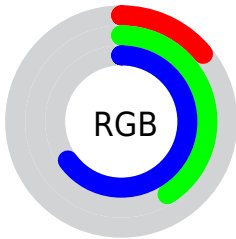
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 35, 81, 167 |
| Decimal | 2320807 |
| CIE Lab | 43.14, 0.85, -39.40 |
| CIE LCh | 43, 39.407, 271.229 |
| Yxy | 13.2509, 0.1975, 0.2057 |
| Android (android.graphics.Color) | 4280510887 (0xFF2369A7) |
| YUV | 91.1380, 37.4000, -49.2330 |
| Hunter-Lab | 36.4012, -1.3285, -37.1403 |

Details

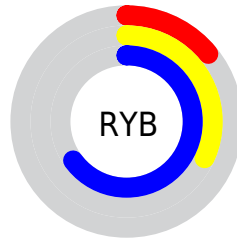
The HunterLab color **36.4012, -1.3285, -37.1403** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41.0953, 17.1942, 23.3284**, and the grayscale version is **32.2794, -1.7223, 1.7538**.

A 20% lighter version of the original color is **56.4039, -2.3004, -38.6687**, and **20.8943, 3.2322, -33.0935** is the 20% darker color. If you saturate the color by 10%, you get **33.9116, 1.2900, -43.0006**, and if you desaturate by 10%, it is **39.1002, -3.3059, -31.4018**.

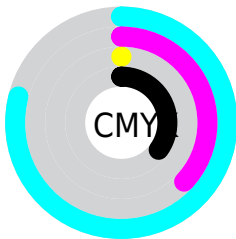
Distribution



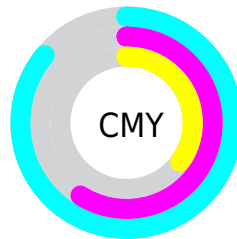
- Red (14%)
- Green (41%)
- Blue (65%)



- Red (14%)
- Yellow (32%)
- Blue (65%)



- Cyan (79%)
- Magenta (37%)
- Yellow (0%)
- Black (35%)



- Cyan (86%)
- Magenta (59%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4012, -1.3285, -37.1403 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 36.4012, -1.3285, -37.1403 by changing the saturation by 10% instead.

36.4012, -1.3285,
-37.1403

36.4012, -1.3285,
-37.1403

145.7805, -6.8095,
-42.2892

27.5709, -0.9104,
-36.6661

56.3505, -2.2974,
-38.4183

19.5986, -0.5445,
-36.5493

67.3618, -2.8420,
-39.0819

12.5899, -0.2383,
-37.3496

79.0094, -3.4231,
-39.7221

5.8949, 0.3099,
-47.8149

91.2604, -4.0383,
-40.3261

0.0000, NaN, -NF

0.0000, NaN, -NF

104.0862, -4.6860,
-40.8872

0.0000, NaN, NaN

117.4623, -5.3647,

0.0000, NaN, NaN

-41.4021

0.0000, NaN, NaN

131.3668, -6.0729,
-41.8695

■ 36.4012, -1.3285,
-37.1403

■ 36.4012, -1.3285,
-37.1403

■ 33.9116, 1.2900,
-43.0006

■ 39.1002, -3.3059,
-31.4018

■ 31.6184, 4.4738,
-48.9940

■ 41.9920, -4.6762,
-25.8261

■ 31.4023, 4.7914,
-49.5934

■ 45.0607, -5.4904,
-20.4341

■ 48.2898, -5.8071,
-15.2333

■ 51.6641, -5.6847,
-10.2202

■ 55.1697, -5.1773,
-5.3851

■ 58.7947, -4.3334,
-0.7143

■ 62.5282, -3.1954,
3.8075

■ 66.3609, -1.7997,
8.1958

Harmonies

Analogous

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



36.4018, -14.7297, -30.9056



36.4012, -1.3285, -37.1403



36.4018, 14.1274, -29.8647

Triad

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



36.4018, -1.3279, -37.1395



36.4018, 25.9279, 13.4661



36.4018, -23.8020, 12.8073

Complementary

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



36.4012, -1.3285, -37.1403



41.0953, 17.1942, 23.3284

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.



36.4018, -15.6356, 18.4285



36.4012, -1.3285, -37.1403



36.4018, 12.8926, 18.6872

Square

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



36.4018, -1.3279, -37.1395



36.4018, 31.3449, 2.5610



36.4018, -2.5565, 20.0519



36.4018, -26.3819, 1.3922

Rectangle

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



36.4012, -1.3285, -37.1403



36.4018, 23.1862, -19.5429



36.4018, -2.5565, 20.0519



36.4018, -21.6918, 15.2473

Sweetspot

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



36.4018, -1.3279, -37.1395



71.2775, -7.3550, -10.6715



53.7130, -38.6607, 20.0435



32.9613, -3.5733, -6.1079



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



36.4018, -1.3279, -37.1395



43.0188, 4.9963, -63.6448



21.5074, 32.1412, -86.9690



28.1680, -2.0916, -0.3992



27.6489, 3.8574, -42.8857



5.3584, -1.1341, -4.2494

Inverse Universe

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



32.3082, 48.9185, -3.7619



40.3804, 71.0127, 0.0225



58.6428, -13.5424, 34.2899



27.5795, 1.5141, 0.6230



26.1587, 46.9238, 0.4212



4.2035, 7.7634, -1.6619

Previews

White Background



This preview shows how the HunterLab color 36.4012, -1.3285, -37.1403 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 36.4012, -1.3285, -37.1403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

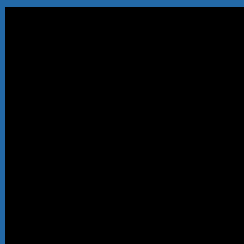
Any Text WCAG AA × Fail

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 36.4012, -1.3285, -37.1403 Background



This preview shows how black text looks on a background with the HunterLab color 36.4012, -1.3285, -37.1403.



This preview shows how white text looks on a background with the HunterLab color 36.4012, -1.3285, -37.1403.

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

36.4012, -1.3285, -37.1403

Protanopia

36.2079, 5.8713, -33.5594

Deuteranopia

36.3723, 2.9158, -37.9244



Tritanopia

36.3190, -17.5741, -7.4582

Trichromacy



Original Color

36.4012, -1.3285, -37.1403

Protanomaly

36.0719, 2.8920, -35.4506

Deuteranomaly

36.3397, 1.4083, -38.0249

Tritanomaly

36.1558, -12.2769, -17.3657

Monochromacy



Original Color

36.4012, -1.3285, -37.1403

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.2223, -3.8129, -10.7422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4012, -1.3285, -37.1403 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, 105, 167)` looks like.

```
.text, #text, p{  
    color:rgb(35, 105, 167)  
}
```

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, 105, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 105, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4012, -1.3285, -37.1403 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, 105, 167) }
```


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

```
.border{ border-color:rgb(35, 105, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 105, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 105, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 105, 167);  
box-shadow:4px 4px 4px 4px rgb(35, 105,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4012, -1.3285, -37.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 105, 167) }
```

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

```
.background{ background-color: rgb(35, 105,  
167) }
```

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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