

Converting Colors

HunterLab(12.3133, 10.6507,
-36.6819)

Have a look what the booklet for
HunterLab(12.3133, 10.6507,
-36.6819) contains.

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Color

**HunterLab(12.3578, 10.5626,
-36.4956)**

Conversions

Conversions Part 1

Format	Color
Hex	061B58
RGB	6, 27, 88
RGB Percent	2%, 11%, 35%
CMY	0.9764, 0.8941, 0.6549
CMYK	0.93, 0.69, 0.00, 0.65
HSL	225°, 87%, 18%
HSV	225°, 93%, 35%
XYZ	2.2285, 1.5272, 9.4098
YIQ	27.6750, -32.0970, 14.5190

Conversions

Conversions Part 2

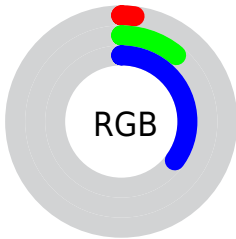
Format	Color
R _Y B	6, 23, 88
Decimal	400216
CIE Lab	12.78, 19.06, -38.80
CIE LCh	13, 43.231, 296.157
Yxy	1.5272, 0.1693, 0.1160
Android (android.graphics.Color)	4278590296 (0xFF061B58)
YUV	27.6750, 29.7402, -19.0090
Hunter-Lab	12.3578, 10.5626, -36.4956

Details

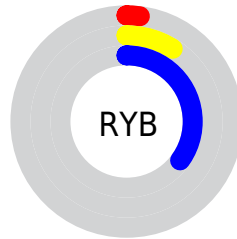
The HunterLab color **12.3578, 10.5626, -36.4956** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **24.7044, 0.5896, 14.8191**, and the grayscale version is **10.5953, -0.5653, 0.5757**.

A 20% lighter version of the original color is **27.2721, 12.2607, -36.0831**, and **4.7457, 7.9738, -23.1449** is the 20% darker color. If you saturate the color by 10%, you get **11.3969, 12.2978, -40.7924**, and if you desaturate by 10%, it is **13.8666, 8.1015, -30.7896**.

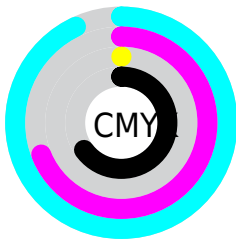
Distribution



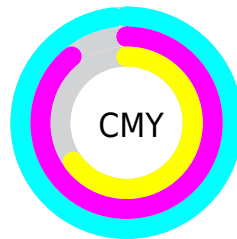
- Red (2%)
- Green (11%)
- Blue (35%)



- Red (2%)
- Yellow (9%)
- Blue (35%)



- Cyan (93%)
- Magenta (69%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3578, 10.5626, -36.4956 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 12.3578, 10.5626, -36.4956 by changing the saturation by 10% instead.

■ 12.3578, 10.5626,
-36.4956

■ 12.3578, 10.5626,
-36.4956

■ 103.6161, 14.8362,
-40.0426

■ 5.5475, 14.6732,
-48.5830

■ 27.2693, 12.2983,
-35.8537

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.0708, 12.9477,
-36.3331

0.0000, NaN, NaN

■ 45.6567, 13.4804,
-36.9491

0.0000, NaN, NaN

■ 55.9675, 13.9119,
-37.6084

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9552, 14.2546,
-38.2656

0.0000, NaN, NaN

■ 78.5806, 14.5180,

0.0000, NaN, NaN

-38.8975

■ 90.8104, 14.7098,
-39.4919

■ 12.3578, 10.5626,
-36.4956

■ 12.3578, 10.5626,
-36.4956

■ 11.3969, 12.2978,
-40.7924

■ 13.8666, 8.1015,
-30.7896

■ 15.5495, 5.9732,
-25.5173

■ 17.3856, 4.1961,
-20.6991

■ 19.3483, 2.7277,
-16.3215

■ 21.4168, 1.5193,
-12.3356

■ 23.5751, 0.5259,
-8.6831

■ 25.8108, -0.2908,
-5.3086

■ 28.1141, -0.9623,
-2.1636

■ 30.4774, -1.5136,
0.7928

Harmonies

Analogous

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



12.3579, -2.0952, -43.4576



12.3578, 10.5626, -36.4956



12.3579, 23.3239, -17.4860

Triad

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



12.3579, 10.5634, -36.4953



12.3579, 14.0702, 8.6505



12.3579, -17.4121, 1.9902

Complementary

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



12.3578, 10.5626, -36.4956



24.7044, 0.5896, 14.8191

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.



12.3579, -14.8636, 8.6505



12.3578, 10.5626, -36.4956



12.3579, 0.8437, 8.6505

Square

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



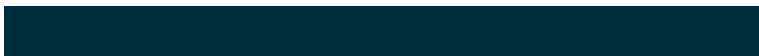
12.3579, 10.5634, -36.4953



12.3579, 25.8112, 7.6521



12.3579, -8.9145, 8.6505



12.3579, -15.8853, -12.5017

Rectangle

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



12.3578, 10.5626, -36.4956



12.3579, 28.6370, -5.4287



12.3579, -8.9145, 8.6505



12.3579, -17.0036, 4.7292

Sweetspot

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



12.3579, 10.5634, -36.4953



32.4187, 0.2108, -9.5462



27.2271, -17.8029, 5.1960



15.8915, 0.2696, -5.4634



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



12.3579, 10.5634, -36.4953



14.5928, 17.6280, -56.2934



10.2148, 21.1097, -46.9246



14.6104, -0.6110, -0.4197



13.6636, 16.0742, -51.7779



30.3537, 44.2463, -133.4546

Inverse Universe

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



15.1137, 24.1888, 5.6689



19.2834, 33.4933, 8.8187



28.7280, -13.1951, 17.1151



14.5851, 0.4478, 0.7892



17.9251, 31.1497, 8.0760



42.3333, 73.2693, 21.3685

Previews

White Background



This preview shows how the HunterLab color 12.3578, 10.5626, -36.4956 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 12.3578, 10.5626, -36.4956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

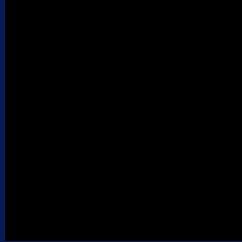
Any Text WCAG AA × Fail

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 12.3578, 10.5626, -36.4956 Background



This preview shows how black text looks on a background with the HunterLab color 12.3578, 10.5626, -36.4956.



This preview shows how white text looks on a background with the HunterLab color 12.3578, 10.5626, -36.4956.

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

12.3578, 10.5626, -36.4956

Protanopia

12.3690, 2.1566, -20.1155

Deuteranopia

12.3200, -1.4144, -12.3457



Tritanopia

12.4074, -6.2312, -2.0567

Trichromacy



Original Color

12.3578, 10.5626, -36.4956

Protanomaly

12.3641, 5.1374, -25.9604

Deuteranomaly

12.1989, 2.7522, -20.5971

Tritanomaly

12.0514, -1.3080, -11.6407

Monochromacy



Original Color

12.3578, 10.5626, -36.4956

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.9978, 1.5202, -9.4647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3578, 10.5626, -36.4956 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(6, 27, 88)` looks like.

```
.text, #text, p{  
    color:rgb(6, 27, 88)  
}
```

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(6, 27, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 27, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3578, 10.5626, -36.4956 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(6, 27, 88) }
```


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

```
.border{ border-color:rgb(6, 27, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 27, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 27, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 27, 88); box-shadow:4px  
4px 4px 4px rgb(6, 27, 88) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.3578, 10.5626, -36.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 27, 88) }
```

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

```
.background{ background-color: rgb(6, 27,  
88) }
```

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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