

Converting Colors

HunterLab(33.9524, -6.3394,
-28.1148)

Have a look what the booklet for
HunterLab(33.9524, -6.3394,
-28.1148) contains.

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Color

**HunterLab(33.8883, -6.2414,
-28.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	066594
RGB	6, 101, 148
RGB Percent	2%, 40%, 58%
CMY	0.9764, 0.6039, 0.4196
CMYK	0.96, 0.32, 0.00, 0.42
HSL	200°, 92%, 30%
HSV	200°, 96%, 58%
XYZ	10.0741, 11.4842, 29.7027
YIQ	77.9530, -71.7070, -5.5230

Conversions

Conversions Part 2

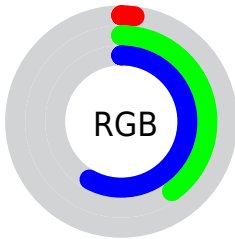
Format	Color
RYB	6, 63, 148
Decimal	419220
CIELab	40.38, -6.41, -32.50
CIELCh	40, 33.122, 258.840
Yxy	11.4845, 0.1965, 0.2240
Android (android.graphics.Color)	4278609300 (0xFF066594)
YUV	77.9530, 34.5332, -63.1028
Hunter-Lab	33.8883, -6.2414, -28.2451

Details

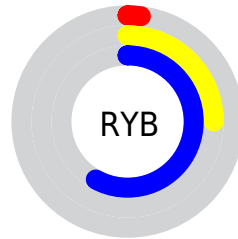
The HunterLab color $33.8883, -6.2414, -28.2451$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $29.7612, 29.0067, 18.5020$, and the grayscale version is $27.4856, -1.4666, 1.4933$.

A 20% lighter version of the original color is $53.5276, -8.1868, -29.0523$, and $18.9617, -0.0102, -23.6783$ is the 20% darker color. If you saturate the color by 10%, you get $33.2614, -5.5728, -29.5439$, and if you desaturate by 10%, it is $35.4727, -7.7585, -25.1063$.

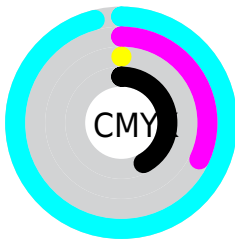
Distribution



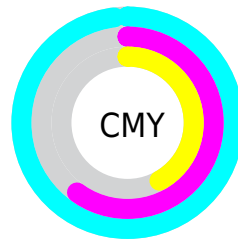
- Red (2%)
- Green (40%)
- Blue (58%)



- Red (2%)
- Yellow (25%)
- Blue (58%)



- Cyan (96%)
- Magenta (32%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8883, -6.2414, -28.2451 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 33.8883, -6.2414, -28.2451 by changing the saturation by 10% instead.

■ 33.8883, -6.2414,
-28.2451

■ 33.8883, -6.2414,
-28.2451

■ 141.7612,
-14.8284, -32.3791

■ 25.2858, -5.3464,
-27.7023

■ 53.4348, -8.0472,
-29.4449

■ 17.5669, -4.4458,
-27.3724

■ 64.2643, -8.9677,
-30.0123

■ 10.8479, -3.5196,
-27.6898

■ 75.7402, -9.9027,
-30.5353

■ 2.0642, -3.6123,
-86.1845

■ 87.8280, -10.8537,
-31.0081

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.4981,
-11.8213, -31.4287

0.0000, NaN, NaN

■ 113.7249,

0.0000, NaN, NaN

-12.8062, -31.7968

0.0000, NaN, NaN

127.4859,
-13.8085, -32.1132

■ 33.8883, -6.2414,
-28.2451

■ 33.8883, -6.2414,
-28.2451

■ 33.2614, -5.5728,
-29.5439

■ 35.4727, -7.7585,
-25.1063

■ 37.1909, -8.8219,
-21.9028

■ 39.0493, -9.4034,
-18.6421

■ 41.0449, -9.5146,
-15.3462

■ 43.1718, -9.1806,
-12.0358

■ 45.4231, -8.4342,
-8.7286

■ 47.7908, -7.3117,
-5.4381

■ 50.2674, -5.8495,
-2.1740

■ 52.8451, -4.0824,
1.0573

Harmonies

Analogous

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



33.8889, -15.9353, -19.6783



33.8883, -6.2414, -28.2451



33.8889, 6.1198, -26.8766

Triad

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



33.8889, -6.2409, -28.2444



33.8889, 23.4304, 8.3004



33.8889, -17.7540, 13.5087

Complementary

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



33.8883, -6.2414, -28.2451



29.7612, 29.0067, 18.5020

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.



33.8889, -9.0718, 16.9174



33.8883, -6.2414, -28.2451



33.8889, 15.0907, 14.7308

Square

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



33.8889, -6.2409, -28.2444



33.8889, 24.4734, -2.7752



33.8889, 2.8609, 17.2671



33.8889, -21.9263, 5.8937

Rectangle

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



33.8883, -6.2414, -28.2451



33.8889, 14.2281, -20.6039



33.8889, 2.8609, 17.2671



33.8889, -15.3282, 15.0488

Sweetspot

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



33.8889, -6.2409, -28.2444



62.3170, -10.3111, -8.8144



46.3224, -37.6651, 23.8782



29.1907, -5.1989, -5.0248



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



33.8889, -6.2409, -28.2444



43.8124, -6.8286, -40.0208



17.9242, 27.7727, -81.1445



24.9839, -2.2547, 0.0020



30.8234, -5.2787, -27.1314



4.1289, -1.6078, -1.6900

Inverse Universe

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



27.1409, 48.7036, -9.3195



35.5890, 65.3218, -10.9147



44.9679, -2.4722, 27.4377



24.2423, 1.4201, 0.1758



24.8042, 45.6013, -8.1840



2.8421, 5.3933, -2.2420

Previews

White Background



This preview shows how the HunterLab color 33.8883, -6.2414, -28.2451 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 33.8883, -6.2414, -28.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

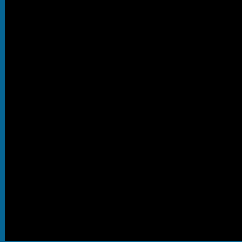
Any Text WCAG AA × Fail

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 33.8883, -6.2414, -28.2451 Background



This preview shows how black text looks on a background with the HunterLab color 33.8883, -6.2414, -28.2451.

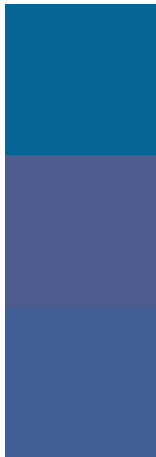


This preview shows how white text looks on a background with the HunterLab color 33.8883, -6.2414, -28.2451.

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

33.8883, -6.2414, -28.2451

Protanopia

33.8289, 4.2303, -23.9329

Deuteranopia

33.8794, 2.3388, -28.8426



Tritanopia

33.9121, -16.5285, -6.7068

Trichromacy



Original Color

33.8883, -6.2414, -28.2451

Protanomaly

33.3308, -1.3844, -26.4215

Deuteranomaly

33.5482, -1.5743, -29.6066

Tritanomaly

33.7933, -12.9661, -14.0350

Monochromacy



Original Color

33.8883, -6.2414, -28.2451

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.9222, -6.2258, -8.5926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8883, -6.2414, -28.2451 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, 101, 148)` looks like.

```
.text, #text, p{  
    color:rgb(6, 101, 148)  
}
```

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, 101, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 101, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8883, -6.2414, -28.2451 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, 101, 148) }
```


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

```
.border{ border-color:rgb(6, 101, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 101, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 101, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 101, 148);  
box-shadow:4px 4px 4px 4px rgb(6, 101,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8883, -6.2414, -28.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 101, 148) }
```

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

```
.background{ background-color: rgb(6, 101,  
148) }
```

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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