

Converting Colors

HunterLab(40.2377, -13.8201,
-20.4600)

Have a look what the booklet for
HunterLab(40.2377, -13.8201,
-20.4600) contains.

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Color

**HunterLab(40.3140,
-13.9085, -20.3644)**

Conversions

Conversions Part 1

Format	Color
Hex	007A9A
RGB	0, 122, 154
RGB Percent	0%, 48%, 60%
CMY	0.9999, 0.5216, 0.3961
CMYK	1.00, 0.21, 0.00, 0.40
HSL	192°, 100%, 30%
HSV	192°, 100%, 60%
XYZ	12.7923, 16.2522, 33.0346
YIQ	89.1700, -82.9840, -15.9120

Conversions

Conversions Part 2

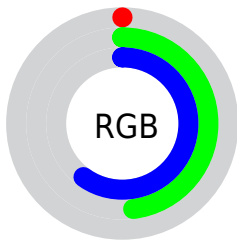
Format	Color
RYB	0, 68, 154
Decimal	31386
CIELab	47.30, -16.62, -25.24
CIELCh	47, 30.227, 236.635
Yxy	16.2527, 0.2061, 0.2618
Android (android.graphics.Color)	4278221466 (0xFF007A9A)
YUV	89.1700, 31.9612, -78.2021
Hunter-Lab	40.3140, -13.9085, -20.3644

Details

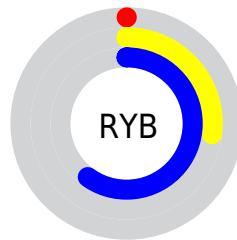
The HunterLab color **40.3140, -13.9085, -20.3644** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **28.1150, 38.6926, 18.0001**, and the grayscale version is **31.5806, -1.6851, 1.7158**.

A 20% lighter version of the original color is **61.0261, -17.0680, -21.3004**, and **23.9674, -5.9655, -17.0793** is the 20% darker color. If you saturate the color by 10%, you get **40.3128, -13.9067, -20.3669**, and if you desaturate by 10%, it is **41.4207, -14.7568, -18.4965**.

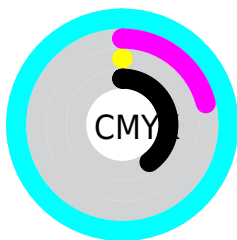
Distribution



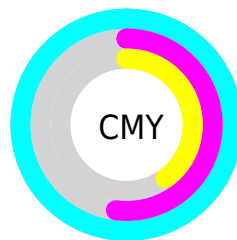
- Red (0%)
- Green (48%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3140, -13.9085, -20.3644 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 40.3140, -13.9085, -20.3644 by changing the saturation by 10% instead.

40.3140, -13.9085,
-20.3644

40.3140, -13.9085,
-20.3644

151.9304,
-27.0835, -22.6028

31.1499, -12.3251,
-19.8446

60.8576, -16.9373,
-21.2582

22.8092, -10.6642,
-19.3143

72.1383, -18.4112,
-21.6183

15.3838, -8.8796,
-18.8641

84.0410, -19.8694,
-21.9192

8.9924, -8.5358,
-18.8359

96.5346, -21.3178,
-22.1623

0.0000, NaN, -NF

0.0000, NaN, -NF

109.5925,
-22.7604, -22.3499

0.0000, NaN, NaN

123.1912,

0.0000, NaN, NaN

-24.2007, -22.4842

0.0000, NaN, NaN

137.3100,
-25.6410, -22.5678

■ 40.3140, -13.9085,
-20.3644

■ 40.3140, -13.9085,
-20.3644

■ 40.3128, -13.9067,
-20.3669

■ 41.4207, -14.7568,
-18.4965

■ 42.6208, -15.2643,
-16.5337

■ 43.9480, -15.3054,
-14.4321

■ 45.4075, -14.8651,
-12.1995

■ 47.0001, -13.9473,
-9.8494

■ 48.7243, -12.5687,
-7.3981

■ 50.5765, -10.7554,
-4.8626

■ 52.5519, -8.5383,
-2.2594

■ 54.6450, -5.9511,
0.3969

Harmonies

Analogous

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



40.3147, -20.5261, -8.7525



40.3140, -13.9085, -20.3644



40.3147, -3.4788, -25.9087

Triad

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



40.3147, -13.9082, -20.3637



40.3147, 23.1399, 0.9045



40.3147, -11.8457, 17.1328

Complementary

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



40.3140, -13.9085, -20.3644



28.1150, 38.6926, 18.0001

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.



40.3147, -0.8103, 18.3623



40.3140, -13.9085, -20.3644



40.3147, 20.2434, 10.7344

Square

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



40.3147, -13.9082, -20.3637



40.3147, 18.6414, -11.6008



40.3147, 11.1250, 16.3985



40.3147, -19.4351, 12.3671

Rectangle

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



40.3140, -13.9085, -20.3644



40.3147, 4.5624, -24.5073



40.3147, 11.1250, 16.3985



40.3147, -8.4562, 17.9011

Sweetspot

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



40.3147, -13.9082, -20.3637



68.0076, -14.6635, -6.7681



48.1764, -40.5842, 27.3954



31.8808, -7.4588, -3.8634



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



40.3147, -13.9082, -20.3637



54.0703, -18.3822, -27.9014



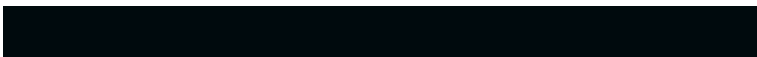
20.7470, 22.3581, -74.1923



26.0931, -2.7324, 0.2862



36.4585, -12.6503, -18.2616



4.9767, -2.2290, -1.4086

Inverse Universe

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



28.7678, 54.1450, -19.2742



38.7344, 72.8486, -25.4724



41.8986, 6.2132, 25.9254



25.1031, 1.6221, -0.1872



25.9753, 48.9105, -17.5330



3.2529, 6.2511, -3.1727

Previews

White Background



This preview shows how the HunterLab color 40.3140, -13.9085, -20.3644 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 40.3140, -13.9085, -20.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

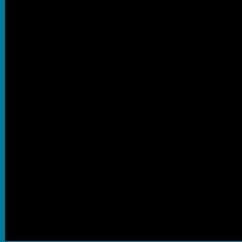
Any Text WCAG AA × Fail

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 40.3140, -13.9085, -20.3644 Background



This preview shows how black text looks on a background with the HunterLab color 40.3140, -13.9085, -20.3644.



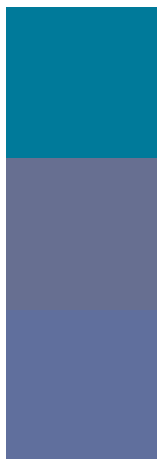
This preview shows how white text looks on a background with the HunterLab color 40.3140, -13.9085, -20.3644.

-13.9085, -20.3644.

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

40.3140, -13.9085, -20.3644

Protanopia

40.3693, 1.8198, -14.4362

Deuteranopia

40.3609, 2.7576, -21.9400

Trichromacy



Original Color

40.3140, -13.9085, -20.3644

Protanomaly

39.4434, -6.9239, -17.9305

Deuteranomaly

39.5650, -5.8243, -22.8553

Monochromacy



Original Color

40.3140, -13.9085, -20.3644

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.7186, -9.6606, -6.8626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3140, -13.9085, -20.3644 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(0, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 154)  
}
```

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(0, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3140, -13.9085, -20.3644 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(0, 122, 154) }
```

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

```
.border{ border-color:rgb(0, 122, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
154) }
```


Background

The CSS property to change the background color of an element to HunterLab 40.3140, -13.9085, -20.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 154) }
```

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

```
.background{ background-color: rgb(0, 122,  
154) }
```

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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