

Converting Colors

HunterLab(38.1168, -14.0435,
-6.9120)

Have a look what the booklet for
HunterLab(38.1168, -14.0435,
-6.9120) contains.

HunterLab(38.0078, -13.9250, -7.0896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.0078,
-13.9250, -7.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	33737D
RGB	51, 115, 125
RGB Percent	20%, 45%, 49%
CMY	0.8000, 0.5490, 0.5098
CMYK	0.59, 0.08, 0.00, 0.51
HSL	188°, 42%, 35%
HSV	188°, 59%, 49%
XYZ	11.1976, 14.4459, 21.6002
YIQ	97.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

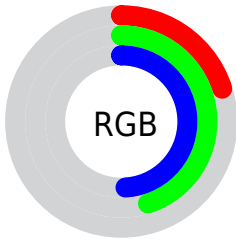
Format	Color
R _{YB}	51, 85, 125
Decimal	3371901
CIE Lab	44.87, -17.24, -11.70
CIE LCh	45, 20.836, 214.169
Yxy	14.4465, 0.2370, 0.3058
Android (android.graphics.Color)	4281561981 (0xFF33737D)
YUV	97.0040, 13.8020, -40.3455
Hunter-Lab	38.0078, -13.9250, -7.0896

Details

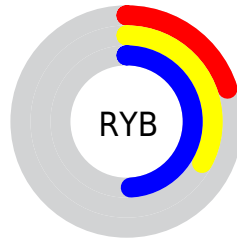
The HunterLab color $38.0078, -13.9250, -7.0896$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $28.1724, 18.6458, 11.0939$, and the grayscale version is $34.5378, -1.8429, 1.8765$.

A 20% lighter version of the original color is $58.1851, -16.9064, -7.3619$, and $21.2982, -9.5167, -6.0770$ is the 20% darker color. If you saturate the color by 10%, you get $37.1249, -14.6766, -8.3671$, and if you desaturate by 10%, it is $38.9933, -12.8055, -5.6982$.

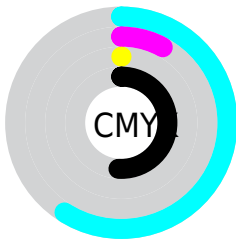
Distribution



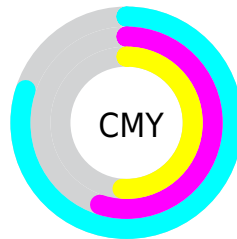
- Red (20%)
- Green (45%)
- Blue (49%)



- Red (20%)
- Yellow (33%)
- Blue (49%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0078, -13.9250, -7.0896 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 38.0078, -13.9250, -7.0896 by changing the saturation by 10% instead.

■ 38.0078, -13.9250,
-7.0896

■ 38.0078, -13.9250,
-7.0896

148.3209,
-27.4096, -5.4399

■ 29.0376, -12.2821,
-6.9692

■ 58.2058, -17.0486,
-7.1096

■ 20.9105, -10.5469,
-6.7668

■ 69.3296, -18.5614,
-7.0235

■ 13.7260, -8.6633,
-6.4779

■ 81.0837, -20.0549,
-6.8804

■ 7.3400, -10.6266,
-6.7783

■ 93.4359, -21.5355,
-6.6845

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.3585,
-23.0080, -6.4396

0.0000, NaN, NaN

■ 119.8273,

0.0000, NaN, NaN

-24.4761, -6.1488

0.0000, NaN, NaN

133.8212,
-25.9425, -5.8147

■ 38.0078, -13.9250,
-7.0896

■ 38.0078, -13.9250,
-7.0896

■ 37.1249, -14.6766,
-8.3671

■ 38.9933, -12.8055,
-5.6982

■ 36.3398, -15.0617,
-9.5270

■ 40.0798, -11.3261,
-4.2031

■ 35.6481, -15.0950,
-10.5680

■ 41.2670, -9.5024,
-2.6139

■ 35.0202, -14.8880,
-11.5299

■ 42.5528, -7.3554,
-0.9417

■ 34.9700, -14.8708,
-11.6077

■ 43.9341, -4.9088,
0.8023

■ 45.4075, -2.1885,
2.6074

■ 46.9689, 0.7800,
4.4637

■ 48.6141, 3.9712,
6.3622

■ 50.3389, 7.3615,
8.2951

Harmonies

Analogous

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



38.0085, -16.1718, 0.9910



38.0078, -13.9250, -7.0896



38.0085, -8.4956, -13.5772

Triad

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



38.0085, -13.9251, -7.0890



38.0085, 12.8110, -4.8662



38.0085, -3.1405, 13.9497

Complementary

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



38.0078, -13.9250, -7.0896



28.1724, 18.6458, 11.0939

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.



38.0085, 4.8987, 13.0131



38.0078, -13.9250, -7.0896



38.0085, 14.5392, 3.1161

Square

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



38.0085, -13.9251, -7.0890



38.0085, 6.9895, -12.1191



38.0085, 11.5356, 9.3961



38.0085, -10.2799, 12.2838

Rectangle

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



38.0078, -13.9250, -7.0896



38.0085, -3.5785, -15.5320



38.0085, 11.5356, 9.3961



38.0085, -0.4565, 13.9259

Sweetspot

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



38.0085, -13.9251, -7.0890



57.0798, -9.6071, -1.0856



39.6319, -26.3973, 17.3815



27.0157, -4.9387, -0.7840



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.0085, -13.9251, -7.0890



49.2953, -19.8767, -11.7612



27.6635, 1.9264, -24.5041



21.8882, -2.4345, 0.4067



35.7154, -15.1788, -11.8744

0.0000, NaN, NaN

Inverse Universe

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



28.2239, 31.1573, -16.1370



34.6276, 50.1491, -25.4316



36.4827, 1.7696, 17.4208



20.9827, 1.3403, -0.2890

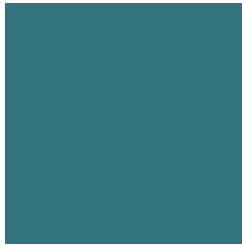


23.8374, 45.5698, -21.3985

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.0078, -13.9250, -7.0896 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 38.0078, -13.9250, -7.0896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

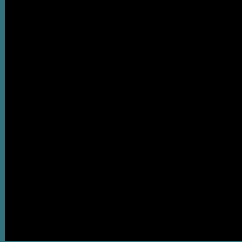
Any Text WCAG AA × Fail

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 38.0078, -13.9250, -7.0896 Background



This preview shows how black text looks on a background with the HunterLab color 38.0078, -13.9250, -7.0896.



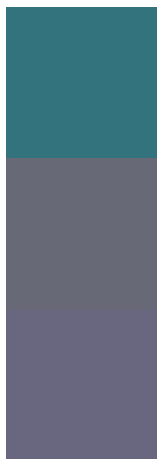
This preview shows how white text looks on a background with the HunterLab color 38.0078,

-13.9250, -7.0896.

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

38.0078, -13.9250, -7.0896

Protanopia

37.8870, -0.1990, -3.4797

Deuteranopia

37.7654, 2.7868, -8.7421



Tritanopia

37.9743, -14.1190, -6.6200

Trichromacy



Original Color

38.0078, -13.9250, -7.0896

Protanomaly

37.7479, -6.1640, -5.2602

Deuteranomaly

37.3885, -4.1541, -8.8745

Tritanomaly

37.9743, -14.1190, -6.6200

Monochromacy



Original Color

38.0078, -13.9250, -7.0896

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.5916, -7.5571, -1.3726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0078, -13.9250, -7.0896 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(51, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(51, 115, 125)  
}
```

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(51, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 115, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0078, -13.9250, -7.0896 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(51, 115, 125) }
```


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

```
.border{ border-color:rgb(51, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(51, 115,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0078, -13.9250, -7.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 115, 125) }
```

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

```
.background{ background-color: rgb(51, 115,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor