

Converting Colors

HunterLab(18.3719, -2.8517,
-7.7325)

Have a look what the booklet for
HunterLab(18.3719, -2.8517,
-7.7325) contains.

HunterLab(18.3972, -2.8781, -7.9258)	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(18.3972, -2.8781,
-7.9258)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3647
RGB	31, 54, 71
RGB Percent	12%, 21%, 28%
CMY	0.8784, 0.7882, 0.7216
CMYK	0.56, 0.24, 0.00, 0.72
HSL	206°, 39%, 20%
HSV	206°, 56%, 28%
XYZ	3.0216, 3.3846, 6.4553
YIQ	49.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

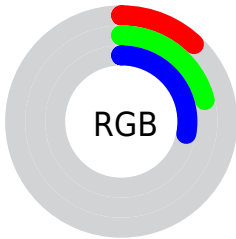
Format	Color
R_{YB}	31, 46, 71
Decimal	2045511
CIE _{Lab}	21.52, -3.34, -13.29
CIE _{LCh}	22, 13.705, 255.883
Yxy	3.3847, 0.2349, 0.2632
Android (android.graphics.Color)	4280235591 (0xFF1F3647)
YUV	49.0610, 10.8159, -15.8395
Hunter-Lab	18.3972, -2.8781, -7.9258

Details

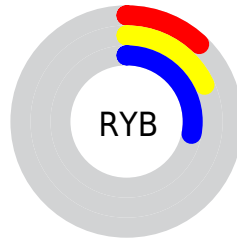
The HunterLab color **18.3972, -2.8781, -7.9258** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.8482, 3.9777, 7.6056**, and the grayscale version is **17.5156, -0.9346, 0.9517**.

A 20% lighter version of the original color is **35.0128, -4.5540, -8.0592**, and **5.2841, 1.1333, -9.0511** is the 20% darker color. If you saturate the color by 10%, you get **17.3613, -2.6755, -9.7072**, and if you desaturate by 10%, it is **19.4860, -2.9139, -6.1823**.

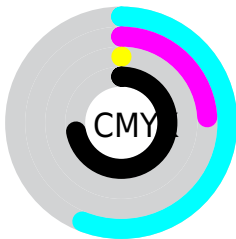
Distribution



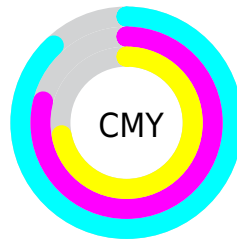
- Red (12%)
- Green (21%)
- Blue (28%)



- Red (12%)
- Yellow (18%)
- Blue (28%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (72%)



- Cyan (88%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3972, -2.8781, -7.9258 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 18.3972, -2.8781, -7.9258 by changing the saturation by 10% instead.

■ 18.3972, -2.8781,
-7.9258

■ 18.3972, -2.8781,
-7.9258

■ 115.2646, -9.7024,
-8.0526

■ 11.5573, -2.2284,
-7.5600

■ 34.9201, -4.2291,
-8.4313

■ 4.1062, -3.7665,
-13.3056

■ 44.4110, -4.9384,
-8.5658

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.6335, -5.6719,
-8.6286

0.0000, NaN, NaN

■ 65.5385, -6.4300,
-8.6257

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.0857, -7.2124,
-8.5624

0.0000, NaN, NaN

■ 89.2412, -8.0188,

-8.4432

0.0000, NaN, NaN

101.9759, -8.8490,
-8.2722

18.3972, -2.8781,
-7.9258

18.3972, -2.8781,
-7.9258

17.3613, -2.6755,
-9.7072

19.4860, -2.9139,
-6.1823

16.3811, -2.2910,
-11.5225

20.6226, -2.7986,
-4.4802

15.4608, -1.7122,
-13.3637

21.8036, -2.5476,
-2.8197

14.5697, -1.0500,
-15.2996

23.0257, -2.1752,
-1.1998

14.2434, -0.8110,
-16.0522

24.2855, -1.6945,
0.3812

■ 25.5803, -1.1173,
1.9258

■ 26.9074, -0.4540,
3.4367

■ 28.2646, 0.2864,
4.9167

■ 29.6498, 1.0960,
6.3686

Harmonies

Analogous

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



18.3975, -6.1867, -5.2834



18.3972, -2.8781, -7.9258



18.3975, 1.2397, -7.8380

Triad

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



18.3975, -2.8781, -7.9254



18.3975, 7.2879, 2.9497



18.3975, -6.3396, 5.5190

Complementary

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



18.3972, -2.8781, -7.9258



18.8482, 3.9777, 7.6056

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.



18.3975, -3.1042, 6.8825



18.3972, -2.8781, -7.9258



18.3975, 4.8730, 5.6380

Square

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



18.3975, -2.8781, -7.9254



18.3975, 7.3620, -0.9363



18.3975, 0.9929, 6.9206



18.3975, -8.0626, 2.7489

Rectangle

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



18.3972, -2.8781, -7.9258



18.3975, 3.9029, -6.2237



18.3975, 0.9929, 6.9206



18.3975, -5.4062, 6.1273

Sweetspot

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



18.3975, -2.8781, -7.9254



29.7272, -2.9010, -1.8362



22.3797, -12.4844, 6.2584



14.9681, -1.4846, -1.0003



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



18.3975, -2.8781, -7.9254



22.0172, -3.2938, -13.6337



13.8188, 5.3217, -16.9689



12.6065, -0.9520, 0.0141



19.6314, -0.2948, -23.9011



46.5196, 2.6497, -63.8653

Inverse Universe

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



16.0811, 13.5325, -2.7219



18.8337, 22.0522, -3.8816



23.5216, -4.0312, 11.1554



12.3543, 0.4648, 0.2914



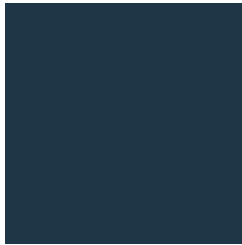
17.2491, 31.2628, -2.2119



42.3649, 76.3868, -2.3588

Previews

White Background



This preview shows how the HunterLab color 18.3972, -2.8781, -7.9258 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

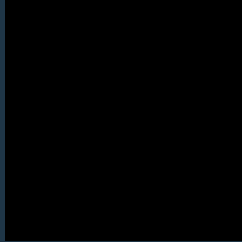
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

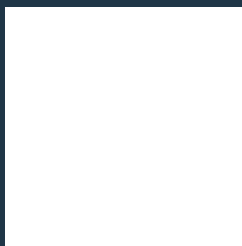
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.3972, -2.8781, -7.9258 Background



This preview shows how black text looks on a background with the HunterLab color 18.3972, -2.8781, -7.9258.



This preview shows how white text looks on a background with the HunterLab color 18.3972, -2.8781, -7.9258.

-7.9258.

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

18.3972, -2.8781, -7.9258

Protanopia

18.4436, 0.9226, -6.7183

Deuteranopia

18.4212, 1.0546, -8.3631



Tritanopia

18.4054, -6.2010, -2.5383

Trichromacy



Original Color

18.3972, -2.8781, -7.9258

Protanomaly

18.3565, -0.5406, -7.4136

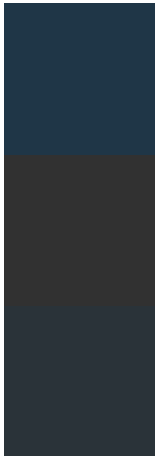
Deuteranomaly

18.3711, -0.3502, -8.4725

Tritanomaly

18.3014, -5.0059, -4.5242

Monochromacy



Original Color

18.3972, -2.8781, -7.9258

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7632, -2.1730, -2.0128

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3972, -2.8781, -7.9258 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(31, 54, 71)` looks like.

```
.text, #text, p{  
    color:rgb(31, 54, 71)  
}
```

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(31, 54, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 54, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3972, -2.8781, -7.9258 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(31, 54, 71) }
```


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

```
.border{ border-color:rgb(31, 54, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 54, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 54, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 54, 71);  
box-shadow:4px 4px 4px 4px rgb(31, 54, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3972, -2.8781, -7.9258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 54, 71) }
```

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

```
.background{ background-color: rgb(31, 54,  
71) }
```

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