

Converting Colors

HunterLab(18.1508, 3.8628,
-18.9061)

Have a look what the booklet for
HunterLab(18.1508, 3.8628,
-18.9061) contains.

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Color

**HunterLab(18.1508, 3.8628,
-18.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	253158
RGB	37, 49, 88
RGB Percent	15%, 19%, 35%
CMY	0.8549, 0.8078, 0.6549
CMYK	0.58, 0.44, 0.00, 0.65
HSL	226°, 41%, 25%
HSV	226°, 58%, 35%
XYZ	3.6227, 3.2945, 9.6775
YIQ	49.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

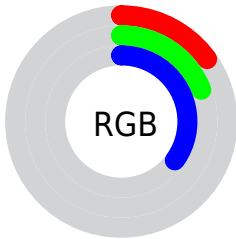
Format	Color
RYB	37, 47, 88
Decimal	2437464
CIELab	21.19, 7.98, -25.14
CIElCh	21, 26.375, 287.612
Yxy	3.2946, 0.2183, 0.1985
Android (android.graphics.Color)	4280627544 (0xFF253158)
YUV	49.8580, 18.8040, -11.2765
Hunter-Lab	18.1508, 3.8628, -18.9061




Details

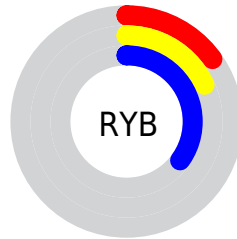
The HunterLab color **18.1508, 3.8628, -18.9061** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.1615, -1.9041, 12.8824**, and the grayscale version is **17.7561, -0.9474, 0.9647**.




A 20% lighter version of the original color is **34.6379, 3.8899, -19.7458**, and **4.3460, 10.0053, -27.0306** is the 20% darker color. If you saturate the color by 10%, you get **16.2159, 5.5647, -23.6674**, and if you desaturate by 10%, it is **20.2067, 2.4502, -14.5957**.

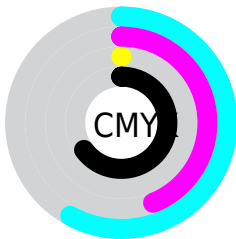
Distribution







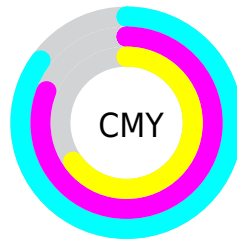
-  Red (15%)
-  Green (19%)
-  Blue (35%)






-  Red (15%)
-  Yellow (18%)
-  Blue (35%)



-  Cyan (58%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (85%)
-  Magenta (81%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1508, 3.8628, -18.9061 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 18.1508, 3.8628, -18.9061 by changing the saturation by 10% instead.

■ 18.1508, 3.8628,
-18.9061

■ 18.1508, 3.8628,
-18.9061

■ 114.8096, 2.4987,
-22.2746

■ 11.3464, 3.6007,
-18.6178

■ 34.6148, 4.0418,
-19.9364

■ 3.6253, 9.3985,
-34.0371

■ 44.0801, 4.0001,
-20.4385

0.0000, NaN, -NF

■ 54.2789, 3.8878,
-20.8902

0.0000, NaN, NaN

■ 65.1616, 3.7131,
-21.2839

0.0000, NaN, NaN

■ 76.6879, 3.4824,
-21.6178

0.0000, NaN, NaN

■ 88.8234, 3.2005,

0.0000, NaN, NaN

-21.8930

0.0000, NaN, NaN

101.5391, 2.8715,
-22.1111

18.1508, 3.8628,
-18.9061

18.1508, 3.8628,
-18.9061

16.2159, 5.5647,
-23.6674

20.2067, 2.4502,
-14.5957

14.4267, 7.6038,
-28.9208

22.3632, 1.2772,
-10.6753

12.8163, 10.0092,
-34.6385

24.6054, 0.3005,
-7.0801

11.3718, 12.6308,
-40.9081

26.9218, -0.5158,
-3.7528

11.0910, 13.1689,
-42.2906

29.3035, -1.2006,
-0.6447

■ 31.7431, -1.7770,
2.2842

■ 34.2350, -2.2634,
5.0664

■ 36.7745, -2.6743,
7.7282

■ 39.3576, -3.0216,
10.2907

Harmonies

Analogous

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



18.1511, -4.1169, -19.5714



18.1508, 3.8628, -18.9061



18.1511, 11.6784, -11.7143

Triad

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



18.1511, 3.8629, -18.9056



18.1511, 10.4576, 8.7523



18.1511, -13.5588, 3.8246

Complementary

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



18.1508, 3.8628, -18.9061



27.1615, -1.9041, 12.8824

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.



18.1511, -10.8881, 8.2832



18.1508, 3.8628, -18.9061



18.1511, 2.4082, 10.2466

Square

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



18.1511, 3.8629, -18.9056



18.1511, 15.9109, 4.8415



18.1511, -5.3439, 10.1045



18.1511, -13.3050, -3.9547

Rectangle

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



18.1508, 3.8628, -18.9061



18.1511, 15.3334, -5.4278



18.1511, -5.3439, 10.1045



18.1511, -12.9953, 5.6779

Sweetspot

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



18.1511, 3.8629, -18.9056



35.7213, -0.7203, -4.7976



28.0790, -13.9748, 2.9065



17.8003, -0.3053, -2.6609



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.



18.1511, 3.8629, -18.9056



20.3842, 8.4775, -34.2486



16.4307, 11.7279, -22.9857



14.5896, -0.5762, -0.4454



13.2943, 17.1628, -53.6663



29.5397, 46.8808, -138.1242

Inverse Universe

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



19.0257, 15.8723, 2.9460



22.4865, 26.3101, 5.3328



29.3582, -10.3668, 14.3738



14.5830, 0.4364, 0.8192



17.8971, 31.0462, 8.4876



42.2751, 73.0543, 22.2251

Previews

White Background



This preview shows how the HunterLab color 18.1508, 3.8628, -18.9061 looks on a white background.

Color Contrast Check

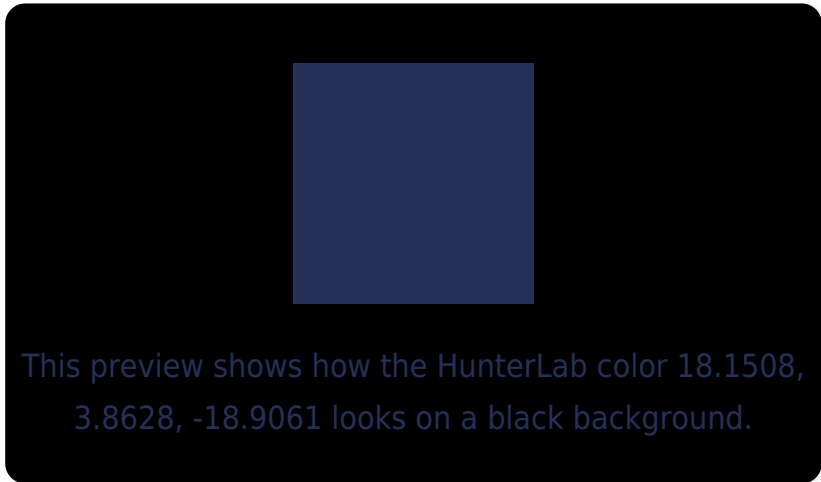
Large Text (above 18pt) WCAG AA ✓ Pass

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

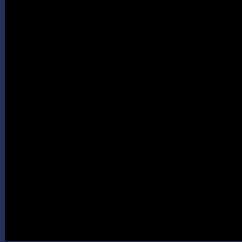
Any Text WCAG AA × Fail

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 18.1508, 3.8628, -18.9061 Background



This preview shows how black text looks on a background with the HunterLab color 18.1508, 3.8628, -18.9061.



This preview shows how white text looks on a background with the HunterLab color 18.1508, 3.8628, -18.9061.

-18.9061.

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

18.1508, 3.8628, -18.9061

Protanopia

18.2368, 3.0380, -19.4364

Deuteranopia

17.9943, 0.8237, -18.6075



Tritanopia

18.0701, -6.1103, -2.9989

Trichromacy



Original Color

18.1508, 3.8628, -18.9061

Protanomaly

18.2827, 3.1872, -19.3284

Deuteranomaly

17.9338, 1.8578, -18.7269

Tritanomaly

18.0267, -2.9766, -8.0018

Monochromacy



Original Color

18.1508, 3.8628, -18.9061

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9144, 0.0187, -5.0142

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1508, 3.8628, -18.9061 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(37, 49, 88)` looks like.

```
.text, #text, p{  
    color:rgb(37, 49, 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(37, 49, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 49, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1508, 3.8628, -18.9061 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(37, 49, 88) }
```


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

```
.border{ border-color:rgb(37, 49, 88) }
```

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

Here you see how a box with a 4 pixel rgb(37, 49, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 49, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 49, 88);  
box-shadow:4px 4px 4px 4px rgb(37, 49, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1508, 3.8628, -18.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 49, 88) }
```

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

```
.background{ background-color: rgb(37, 49,  
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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