

Converting Colors

HunterLab(17.2396, -10.6617,
-15.6085)

Have a look what the booklet for
HunterLab(17.2396, -10.6617,
-15.6085) contains.

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Color

**HunterLab(18.7228, -5.0111,
-12.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	003950
RGB	0, 57, 80
RGB Percent	0%, 22%, 31%
CMY	1.0000, 0.7765, 0.6863
CMYK	1.00, 0.29, 0.00, 0.69
HSL	197°, 100%, 16%
HSV	197°, 100%, 31%
XYZ	2.9111, 3.5054, 8.1126
YIQ	42.5790, -41.3550, -4.9310

Conversions

Conversions Part 2

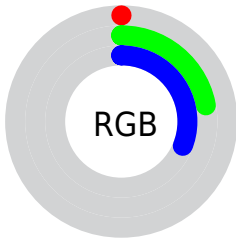
Format	Color
RYB	0, 33, 80
Decimal	14672
CIELab	21.96, -7.20, -18.70
CIELCh	22, 20.040, 248.946
Yxy	3.5055, 0.2004, 0.2413
Android (android.graphics.Color)	4278204752 (0xFF003950)
YUV	42.5790, 18.4486, -37.3418
Hunter-Lab	18.7228, -5.0111, -12.5844

Details

The HunterLab color **18.7228, -5.0111, -12.5844** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.2267, 15.7295, 9.6573**, and the grayscale version is **15.3572, -0.8194, 0.8344**.

A 20% lighter version of the original color is **35.3238, -7.0534, -13.2171**, and **6.5987, 0.9068, -10.2054** is the 20% darker color. If you saturate the color by 10%, you get **18.7226, -5.0106, -12.5851**, and if you desaturate by 10%, it is **19.4674, -5.3898, -11.2132**.

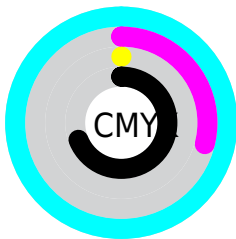
Distribution



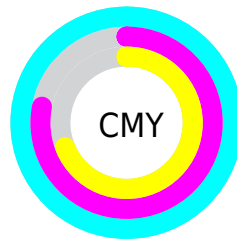
- Red (0%)
- Green (22%)
- Blue (31%)



- Red (0%)
- Yellow (13%)
- Blue (31%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7228, -5.0111, -12.5844 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 18.7228, -5.0111, -12.5844 by changing the saturation by 10% instead.

■ 18.7228, -5.0111,
-12.5844

■ 18.7228, -5.0111,
-12.5844

■ 115.8636,
-13.7858, -14.3730

■ 11.8365, -4.0199,
-12.1432

■ 35.3228, -6.9194,
-13.4248

■ 4.6634, -6.9763,
-17.9477

■ 44.8472, -7.8683,
-13.7518

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.1008, -8.8234,
-14.0099

0.0000, NaN, NaN

■ 66.0349, -9.7885,
-14.2014

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.6096, -10.7660,
-14.3298

0.0000, NaN, NaN

■ 89.7912, -11.7574,

-14.3989

0.0000, NaN, NaN

■ 102.5509,
-12.7637, -14.4122

■ 18.7228, -5.0111,
-12.5844

■ 18.7228, -5.0111,
-12.5844

■ 18.7226, -5.0106,
-12.5851

■ 19.4674, -5.3898,
-11.2132

■ 20.2272, -5.7221,
-9.8825

■ 21.0454, -5.8491,
-8.5157

■ 21.9234, -5.7668,
-7.1170

■ 22.8595, -5.4836,
-5.6947

■ 23.8516, -5.0112,
-4.2563

■ 24.8969, -4.3634,
-2.8087

■ 25.9927, -3.5545,
-1.3574

■ 27.1361, -2.5989,
0.0932

Harmonies

Analogous

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



18.7231, -9.2396, -7.3886



18.7228, -5.0111, -12.5844



18.7231, 0.8496, -13.5990

Triad

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



18.7231, -5.0109, -12.5840



18.7231, 11.9796, 2.6647



18.7231, -7.7858, 7.7608

Complementary

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



18.7228, -5.0111, -12.5844



15.2267, 15.7295, 9.6573

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.



18.7231, -2.7805, 9.0036



18.7228, -5.0111, -12.5844



18.7231, 8.9687, 6.7408

Square

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



18.7231, -5.0109, -12.5840



18.7231, 11.1838, -3.4240



18.7231, 3.3798, 8.7016



18.7231, -10.6942, 4.5849

Rectangle

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



18.7228, -5.0111, -12.5844



18.7231, 4.9898, -11.5312



18.7231, 3.3798, 8.7016



18.7231, -6.3203, 8.3638

Sweetspot

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



18.7231, -5.0109, -12.5840



32.7338, -5.8685, -3.9203



24.0789, -19.7496, 12.5379



16.4965, -3.1025, -2.2345



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



18.7231, -5.0109, -12.5840



24.4417, -6.1964, -17.1737



9.9533, 12.2401, -38.8615



14.2808, -1.2931, 0.1433



57.3230, -12.8520, -43.9050

Inverse Universe

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



14.1458, 26.3111, -7.0475



18.6471, 34.6206, -8.7793



22.8558, -0.4212, 14.0758



13.8700, 0.6438, 0.1180



44.6015, 82.4992, -18.6039

Previews

White Background



This preview shows how the HunterLab color 18.7228, -5.0111, -12.5844 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

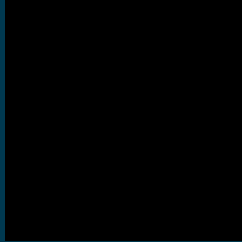
Any Text WCAG AA × Fail

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 18.7228, -5.0111, -12.5844 Background



This preview shows how black text looks on a background with the HunterLab color 18.7228, -5.0111, -12.5844.



This preview shows how white text looks on a background with the HunterLab color 18.7228, -5.0111, -12.5844.

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

18.7228, -5.0111, -12.5844

Protanopia

18.8643, 1.6120, -9.8377

Deuteranopia

18.9510, 1.0586, -12.6588



Tritanopia

18.7032, -8.9724, -4.0085

Trichromacy



Original Color

18.7228, -5.0111, -12.5844

Protanomaly

18.5347, -1.9511, -11.0729

Deuteranomaly

18.5448, -1.6015, -13.4891

Tritanomaly

18.6234, -7.4929, -7.1026

Monochromacy



Original Color

18.7228, -5.0111, -12.5844

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.2248, -3.9393, -3.7434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7228, -5.0111, -12.5844 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, 57, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 80)  
}
```

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, 57, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7228, -5.0111, -12.5844 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, 57, 80) }
```

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

```
.border{ border-color:rgb(0, 57, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 80); box-shadow:4px  
4px 4px 4px rgb(0, 57, 80) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7228, -5.0111, -12.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 80) }
```

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

```
.background{ background-color: rgb(0, 57,  
80) }
```

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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