

Converting Colors

HunterLab(27.5838, -14.4641,
-21.5767)

Have a look what the booklet for
HunterLab(27.5838, -14.4641,
-21.5767) contains.

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Color

**HunterLab(29.1562, -8.3972,
-18.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	005978
RGB	0, 89, 120
RGB Percent	0%, 35%, 47%
CMY	0.9999, 0.6510, 0.5294
CMYK	1.00, 0.26, 0.00, 0.53
HSL	196°, 100%, 24%
HSV	196°, 100%, 47%
XYZ	6.9626, 8.5008, 19.0432
YIQ	65.9230, -62.9950, -9.2270

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 120
Decimal	22904
CIELab	35.01, -10.64, -23.91
CIElCh	35, 26.167, 246.009
Yxy	8.5011, 0.2018, 0.2464
Android (android.graphics.Color)	4278212984 (0xFF005978)
YUV	65.9230, 26.6600, -57.8145
Hunter-Lab	29.1562, -8.3972, -18.3155

Details

The HunterLab color **29.1562, -8.3972, -18.3155** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.3022, 26.8918, 14.2121**, and the grayscale version is **23.2414, -1.2401, 1.2627**.

A 20% lighter version of the original color is **47.8954, -10.8422, -18.9921**, and **15.0210, -2.0682, -14.3102** is the 20% darker color. If you saturate the color by 10%, you get **29.1554, -8.3960, -18.3173**, and if you desaturate by 10%, it is **30.1765, -9.1668, -16.4788**.

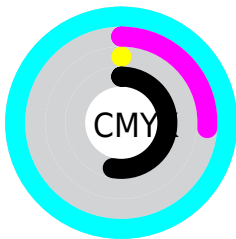
Distribution



- Red (0%)
- Green (35%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1562, -8.3972, -18.3155 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 29.1562, -8.3972, -18.3155 by changing the saturation by 10% instead.

■ 29.1562, -8.3972,
-18.3155

■ 29.1562, -8.3972,
-18.3155

■ 134.0192,
-18.8910, -20.8206

■ 21.0172, -7.1819,
-17.7987

■ 47.8907, -10.7401,
-19.2723

■ 13.8188, -5.9034,
-17.3666

■ 58.3559, -11.8943,
-19.6693

■ 7.4440, -6.6255,
-18.3485

■ 69.4887, -13.0464,
-20.0052

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.2513, -14.2009,
-20.2805

0.0000, NaN, NaN

■ 93.6116, -15.3606,
-20.4971

0.0000, NaN, NaN

■ 106.5419,

0.0000, NaN, NaN

-16.5279, -20.6576

0.0000, NaN, NaN

120.0182,
-17.7043, -20.7646

29.1562, -8.3972,
-18.3155

29.1562, -8.3972,
-18.3155

29.1554, -8.3960,
-18.3173

30.1765, -9.1668,
-16.4788

31.2590, -9.7192,
-14.6124

32.4398, -9.9199,
-12.6615

33.7202, -9.7661,
-10.6367

35.0990, -9.2667,
-8.5510

■ 36.5732, -8.4390,
-6.4182

■ 38.1390, -7.3049,
-4.2508

■ 39.7921, -5.8888,
-2.0598

■ 41.5276, -4.2156,
0.1454

Harmonies

Analogous

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



29.1567, -14.5138, -10.1201



29.1562, -8.3972, -18.3155



29.1567, 0.3150, -20.5555

Triad

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



29.1567, -8.3969, -18.3149



29.1567, 18.1699, 3.2919



29.1567, -11.2319, 12.1698

Complementary

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



29.1562, -8.3972, -18.3155



22.3022, 26.8918, 14.2121

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.



29.1567, -3.3835, 13.8400



29.1562, -8.3972, -18.3155



29.1567, 14.1505, 9.8381

Square

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



29.1567, -8.3969, -18.3149



29.1567, 16.3981, -6.1044



29.1567, 5.9774, 13.1429



29.1567, -16.0032, 7.6255

Rectangle

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



29.1562, -8.3972, -18.3155



29.1567, 6.5995, -17.9117



29.1567, 5.9774, 13.1429



29.1567, -8.9056, 13.0095

Sweetspot

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



29.1567, -8.3969, -18.3149



50.4207, -9.8135, -5.8535



36.7790, -30.6269, 20.1456



24.1955, -5.0439, -3.3289



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.1567, -8.3969, -18.3149



38.3788, -10.7238, -24.8206



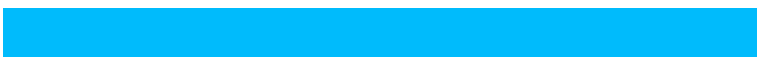
15.1172, 19.0631, -60.0435



20.8458, -2.0267, 0.1723



30.4137, -8.7145, -19.2024



65.3406, -17.4733, -43.9503

Inverse Universe

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



21.7134, 40.5028, -11.7191



28.7563, 53.5795, -15.0100



33.6246, 1.6877, 20.7481



20.1511, 1.1632, 0.0142



22.6730, 42.2879, -12.1683



49.3732, 91.8395, -24.5785

Previews

White Background



This preview shows how the HunterLab color 29.1562, -8.3972, -18.3155 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



This preview shows how the HunterLab color 29.1562, -8.3972, -18.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

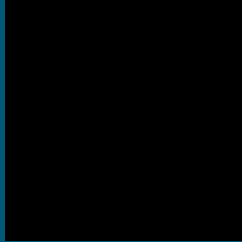
Any Text WCAG AA × Fail

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 29.1562, -8.3972, -18.3155 Background



This preview shows how black text looks on a background with the HunterLab color 29.1562, -8.3972, -18.3155.



This preview shows how white text looks on a background with the HunterLab color 29.1562, -8.3972, -18.3155.

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

29.1562, -8.3972, -18.3155

Protanopia

29.1826, 2.3127, -14.3210

Deuteranopia

29.3223, 2.1155, -19.1247



Tritanopia

29.2492, -14.0858, -6.1516

Trichromacy



Original Color

29.1562, -8.3972, -18.3155

Protanomaly

28.6050, -3.5730, -16.6838

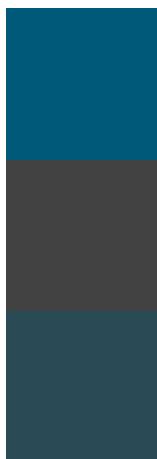
Deuteranomaly

28.9305, -3.4001, -19.3046

Tritanomaly

29.2296, -12.0992, -10.4158

Monochromacy



Original Color

29.1562, -8.3972, -18.3155

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.6205, -6.2314, -6.1397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1562, -8.3972, -18.3155 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, 89, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 120)  
}
```

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, 89, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1562, -8.3972, -18.3155 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, 89, 120) }
```


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

```
.border{ border-color:rgb(0, 89, 120) }
```

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

Here you see how a box with a 4 pixel rgb(0, 89, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1562, -8.3972, -18.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 120) }
```

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

```
.background{ background-color: rgb(0, 89,  
120) }
```

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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