

Converting Colors

HunterLab(20.2708, -12.2295,
-38.1428)

Have a look what the booklet for
HunterLab(20.2708, -12.2295,
-38.1428) contains.

HunterLab(23.5887, -0.4314, -28.5525)	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(23.5887, -0.4314,
-28.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	004576
RGB	0, 69, 118
RGB Percent	0%, 27%, 46%
CMY	0.9999, 0.7294, 0.5373
CMYK	1.00, 0.42, 0.00, 0.54
HSL	205°, 100%, 23%
HSV	205°, 100%, 46%
XYZ	5.3982, 5.5643, 17.9291
YIQ	53.9550, -56.8530, 0.6110

Conversions

Conversions Part 2

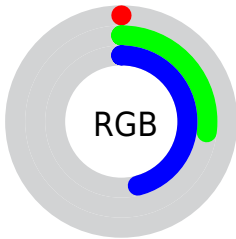
Format	Color
R_{YB}	0, 44, 118
Decimal	17782
CIE _{Lab}	28.29, 1.31, -33.27
CIE _{LCh}	28, 33.293, 272.253
Yxy	5.5644, 0.1868, 0.1926
Android (android.graphics.Color)	4278207862 (0xFF004576)
YUV	53.9550, 31.5742, -47.3185
Hunter-Lab	23.5887, -0.4314, -28.5525

Details

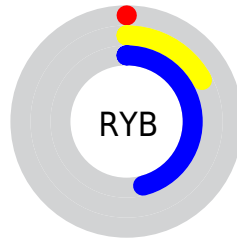
The HunterLab color **23.5887, -0.4314, -28.5525** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.5956, 19.1556, 15.4900**, and the grayscale version is **19.1032, -1.0193, 1.0379**.

A 20% lighter version of the original color is **41.3271, -1.2301, -29.8303**, and **11.0161, 4.4782, -23.4362** is the 20% darker color. If you saturate the color by 10%, you get **23.5873, -0.4289, -28.5561**, and if you desaturate by 10%, it is **25.0384, -2.0320, -25.1932**.

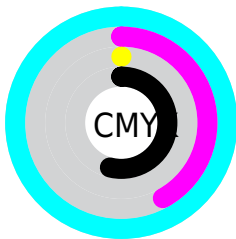
Distribution



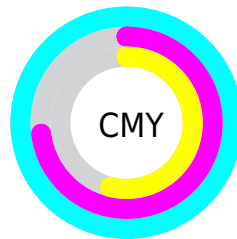
- Red (0%)
- Green (27%)
- Blue (46%)



- Red (0%)
- Yellow (17%)
- Blue (46%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5887, -0.4314, -28.5525 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 23.5887, -0.4314, -28.5525 by changing the saturation by 10% instead.

■ 23.5887, -0.4314,
-28.5525

■ 23.5887, -0.4314,
-28.5525

■ 124.5542, -5.2156,
-33.0991

■ 16.0689, -0.1273,
-28.3437

■ 41.2559, -1.2068,
-29.6536

■ 9.5795, 0.1057,
-29.0304

■ 51.2474, -1.6664,
-30.2652

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 61.9363, -2.1681,
-30.8540

0.0000, NaN, NaN

■ 73.2796, -2.7087,
-31.4029

0.0000, NaN, NaN

■ 85.2415, -3.2857,
-31.9041

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.7916, -3.8969,

-32.3543

0.0000, NaN, NaN

110.9036, -4.5408,
-32.7525

23.5887, -0.4314,
-28.5525

23.5887, -0.4314,
-28.5525

23.5873, -0.4289,
-28.5561

25.0384, -2.0320,
-25.1932

26.5724, -3.3799,
-21.9286

28.2262, -4.3405,
-18.6856

29.9939, -4.9291,
-15.4849

31.8679, -5.1716,
-12.3419

■ 33.8405, -5.0989,
-9.2664

■ 35.9037, -4.7428,
-6.2632

■ 38.0502, -4.1341,
-3.3332

■ 40.2731, -3.3013,
-0.4747

Harmonies

Analogous

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



23.5891, -10.2387, -24.0234



23.5887, -0.4314, -28.5525



23.5891, 10.9875, -22.5375

Triad

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



23.5891, -0.4309, -28.5519



23.5891, 19.1896, 9.6328



23.5891, -17.0789, 8.8027

Complementary

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



23.5887, -0.4314, -28.5525



24.5956, 19.1556, 15.4900

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.



23.5891, -11.4271, 12.6817



23.5887, -0.4314, -28.5525



23.5891, 9.3020, 12.9854

Square

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



23.5891, -0.4309, -28.5519



23.5891, 23.5224, 2.0539



23.5891, -2.0777, 13.7758



23.5891, -18.7492, 0.4873

Rectangle

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



23.5887, -0.4314, -28.5525



23.5891, 17.6865, -14.4548



23.5891, -2.0777, 13.7758



23.5891, -15.6393, 10.5130

Sweetspot

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



23.5891, -0.4309, -28.5519



47.3971, -6.3371, -8.6040



36.2822, -29.0753, 17.4171



22.2902, -3.1277, -4.7501



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



23.5891, -0.4309, -28.5519



30.8566, 0.1496, -38.8910



12.5161, 26.5781, -73.0145



19.7797, -1.5684, -0.0998



24.4827, -0.3597, -29.8249



52.4304, 1.9950, -69.8400

Inverse Universe

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



20.6920, 37.5083, -2.7260



27.3885, 49.5653, -2.9347



37.6847, -6.0471, 23.1146



19.3221, 0.9712, 0.3582



21.5153, 38.9940, -2.7514



47.3122, 85.4176, -3.4892

Previews

White Background



This preview shows how the HunterLab color 23.5887, -0.4314, -28.5525 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 23.5887, -0.4314, -28.5525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

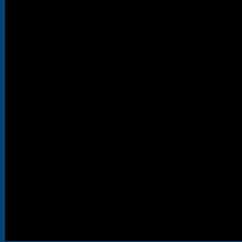
Any Text WCAG AA × Fail

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 23.5887, -0.4314, -28.5525 Background



This preview shows how black text looks on a background with the HunterLab color 23.5887, -0.4314, -28.5525.



This preview shows how white text looks on a background with the HunterLab color 23.5887, -0.4314, -28.5525.

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

23.5887, -0.4314, -28.5525

Protanopia

23.9062, 4.2293, -25.4215

Deuteranopia

23.7158, 1.3274, -28.2123



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.5887, -0.4314, -28.5525

Protanomaly

23.5297, 1.8079, -27.1040

Deuteranomaly

23.5453, 0.7508, -28.6379

Tritanomaly

23.6077, -8.0226, -12.1891

Monochromacy



Original Color

23.5887, -0.4314, -28.5525

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.0096, -3.2304, -8.5311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5887, -0.4314, -28.5525 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, 69, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 118)  
}
```

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, 69, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5887, -0.4314, -28.5525 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, 69, 118) }
```


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

```
.border{ border-color:rgb(0, 69, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5887, -0.4314, -28.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 118) }
```

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

```
.background{ background-color: rgb(0, 69,  
118) }
```

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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