

Converting Colors

HunterLab(42.9359, -3.9576,
-60.7825)

Have a look what the booklet for
HunterLab(42.9359, -3.9576,
-60.7825) contains.

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Color

**HunterLab(44.4137, 0.5308,
-56.6591)**

Conversions

Conversions Part 1

Format	Color
Hex	007ED5
RGB	0, 126, 213
RGB Percent	0%, 49%, 84%
CMY	0.9998, 0.5059, 0.1647
CMYK	1.00, 0.41, 0.00, 0.16
HSL	205°, 100%, 42%
HSV	205°, 100%, 84%
XYZ	19.4711, 19.7258, 65.7319
YIQ	98.2440, -103.0230, 0.3450

Conversions

Conversions Part 2

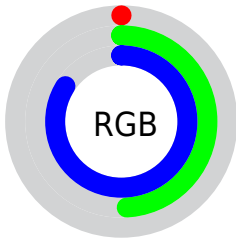
Format	Color
RYB	0, 79, 213
Decimal	32469
CIELab	51.53, 3.69, -52.61
CIElCh	52, 52.737, 274.015
Yxy	19.7264, 0.1856, 0.1880
Android (android.graphics.Color)	4278222549 (0xFF007ED5)
YUV	98.2440, 56.5747, -86.1600
Hunter-Lab	44.4137, 0.5308, -56.6591

Details

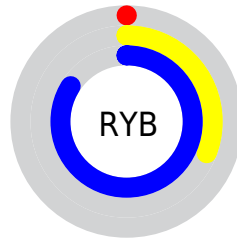
The HunterLab color **44.4137, 0.5308, -56.6591** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **45.7940, 40.1232, 28.9186**, and the grayscale version is **34.8682, -1.8605, 1.8945**.

A 20% lighter version of the original color is **64.6742, -4.6095, -46.9603**, and **28.1379, 7.1925, -50.6964** is the 20% darker color. If you saturate the color by 10%, you get **44.4080, 0.5409, -56.6738**, and if you desaturate by 10%, it is **47.1302, -3.1336, -50.2063**.

Distribution



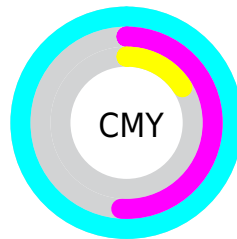
- Red (0%)
- Green (49%)
- Blue (84%)



- Red (0%)
- Yellow (31%)
- Blue (84%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.4137, 0.5308, -56.6591 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 44.4137, 0.5308, -56.6591 by changing the saturation by 10% instead.

■ 44.4137, 0.5308,
-56.6591

■ 44.4137, 0.5308,
-56.6591

■ 158.2498, -4.0487,
-62.9919

■ 34.9232, 0.8210,
-56.3657

■ 65.5423, -0.2040,
-57.9019

■ 26.2250, 1.0486,
-56.5945

■ 77.0897, -0.6410,
-58.6521

■ 18.4000, 1.2041,
-57.9176

■ 89.2454, -1.1193,
-59.4230

■ 11.5594, 1.2710,
-61.8579

■ 101.9803, -1.6362,
-60.1901

■ 4.1107, 3.6941,
-108.6605

■ 115.2692, -2.1894,
-60.9383

0.0000, NaN, -NF

0.0000, NaN, -NF

129.0899, -2.7770,

-61.6582

0.0000, NaN, -NF

143.4226, -3.3973,
-62.3439

0.0000, NaN, NaN

■ 44.4137, 0.5308,
-56.6591

■ 44.4137, 0.5308,
-56.6591

■ 44.4080, 0.5409,
-56.6738

■ 47.1302, -3.1336,
-50.2063

■ 50.0768, -6.0948,
-43.7825

■ 53.2763, -8.2423,
-37.3726

■ 56.7188, -9.5938,
-31.0230

■ 60.3893, -10.1989,
-24.7722

■ 64.2709, -10.1223,
-18.6464

■ 68.3466, -9.4333,
-12.6598

■ 72.6002, -8.2000,
-6.8176

■ 77.0167, -6.4856,
-1.1180

Harmonies

Analogous

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



44.4144, -18.9312, -48.8034



44.4137, 0.5308, -56.6591



44.4144, 22.9413, -43.5227

Triad

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



44.4144, 0.5318, -56.6580



44.4144, 36.9328, 19.1573



44.4144, -33.5195, 16.3251

Complementary

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



44.4137, 0.5308, -56.6591



45.7940, 40.1232, 28.9186

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.



44.4144, -23.0410, 24.1055



44.4137, 0.5308, -56.6591



44.4144, 17.0361, 25.1164

Square

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



44.4144, 0.5318, -56.6580



44.4144, 46.3162, 5.0598



44.4144, -5.2035, 26.3679



44.4144, -36.2908, -0.3976

Rectangle

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



44.4137, 0.5308, -56.6591



44.4144, 35.8671, -27.1104



44.4144, -5.2035, 26.3679



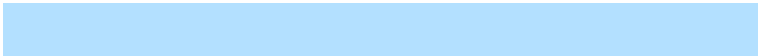
44.4144, -30.8933, 19.7588

Sweetspot

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



44.4144, 0.5318, -56.6580



83.6177, -11.6037, -15.7609



69.4612, -56.1720, 34.4414



37.6893, -5.5703, -8.7292

0.0000, NaN, NaN



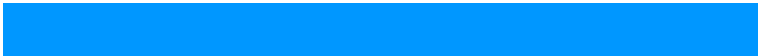
46.2646, -2.4686, 2.5136

Same Dimension

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



44.4144, 0.5318, -56.6580



54.1254, 1.2091, -70.2622



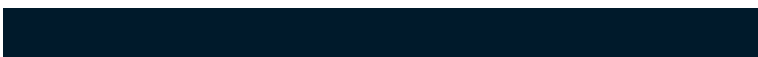
23.1378, 54.2872, -146.1028



36.3558, -3.0011, -0.3800



35.0023, -0.0840, -43.5686



9.4864, -1.4736, -8.6760

Inverse Universe

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



39.5647, 71.5559, -3.9476



48.4650, 87.5959, -4.3269



71.9141, -11.1108, 44.1174



35.4159, 2.1746, 0.5003



30.9542, 56.0486, -3.5518



7.7082, 14.1473, -2.3581

Previews

White Background



This preview shows how the HunterLab color 44.4137, 0.5308, -56.6591 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 44.4137, 0.5308, -56.6591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

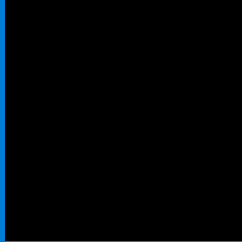
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 44.4137, 0.5308, -56.6591 Background



This preview shows how black text looks on a background with the HunterLab color 44.4137, 0.5308, -56.6591.



This preview shows how white text looks on a background with the HunterLab color 44.4137, 0.5308, -56.6591.

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

44.4137, 0.5308, -56.6591

Protanopia

44.3057, 9.5104, -51.5286

Deuteranopia

44.5810, 4.1343, -57.0654



Tritanopia

44.3313, -21.5511, -8.8877

Trichromacy



Original Color

44.4137, 0.5308, -56.6591

Protanomaly

43.9395, 4.3113, -54.2445

Deuteranomaly

44.4953, 2.3931, -57.3118

Tritanomaly

44.0509, -14.2528, -24.2921

Monochromacy



Original Color

44.4137, 0.5308, -56.6591

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

36.9360, -6.2458, -17.1762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.4137, 0.5308, -56.6591 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, 126, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 213)  
}
```

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, 126, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 44.4137, 0.5308, -56.6591 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, 126, 213) }
```


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

```
.border{ border-color:rgb(0, 126, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.4137, 0.5308, -56.6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 213) }
```

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

```
.background{ background-color: rgb(0, 126,  
213) }
```

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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