

Converting Colors

HunterLab(49.8568, -1.6932,
-55.7313)

Have a look what the booklet for
HunterLab(49.8568, -1.6932,
-55.7313) contains.

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Color

**HunterLab(49.8568, -1.6932,
-55.7313)**

Conversions

Conversions Part 1

Format	Color
Hex	1D8DE3
RGB	29, 141, 227
RGB Percent	11%, 55%, 89%
CMY	0.8862, 0.4471, 0.1098
CMYK	0.87, 0.38, 0.00, 0.11
HSL	206°, 78%, 50%
HSV	206°, 87%, 89%
XYZ	23.8967, 24.8570, 76.2114
YIQ	117.3160, -94.3580, 3.0020

Conversions

Conversions Part 2

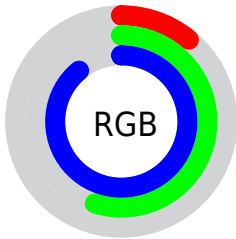
Format	Color
R _Y B	29, 101, 227
Decimal	1936867
CIE Lab	56.94, 1.20, -51.82
CIE LCh	57, 51.837, 271.324
Yxy	24.8578, 0.1912, 0.1989
Android (android.graphics.Color)	4280126947 (0xFF1D8DE3)
YUV	117.3160, 54.0742, -77.4531
Hunter-Lab	49.8568, -1.6932, -55.7313

Details

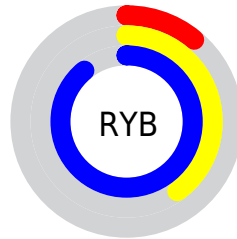
The HunterLab color **49.8568, -1.6932, -55.7313** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **53.5603, 33.0267, 32.2932**, and the grayscale version is **42.1260, -2.2477, 2.2888**.

A 20% lighter version of the original color is **70.1771, -10.8325, -36.8773**, and **32.5493, 4.3378, -50.0480** is the 20% darker color. If you saturate the color by 10%, you get **46.7517, 2.4852, -63.3121**, and if you desaturate by 10%, it is **53.2520, -4.9943, -48.1876**.

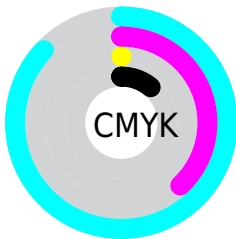
Distribution



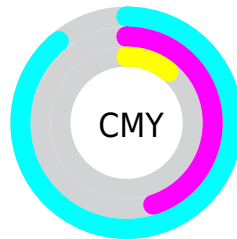
- Red (11%)
- Green (55%)
- Blue (89%)



- Red (11%)
- Yellow (40%)
- Blue (89%)



- Cyan (87%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8568, -1.6932, -55.7313 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 49.8568, -1.6932, -55.7313 by changing the saturation by 10% instead.

■ 49.8568, -1.6932,
-55.7313

■ 49.8568, -1.6932,
-55.7313

166.4719, -7.4437,
-62.0605

■ 39.9639, -1.2323,
-55.2527

■ 71.7122, -2.7354,
-57.1084

■ 30.8281, -0.8184,
-55.1146

■ 83.5926, -3.3129,
-57.8703

■ 22.5193, -0.4560,
-55.6660

■ 96.0650, -3.9247,
-58.6347

■ 15.1297, -0.1528,
-57.7433

■ 109.1025, -4.5690,
-59.3837

■ 8.7631, 0.1277,
-64.1071

■ 122.6817, -5.2443,
-60.1063

0.0000, NaN, -NF

0.0000, NaN, -NF

136.7817, -5.9493,

-60.7958

0.0000, NaN, -NF

151.3840, -6.6828,
-61.4480

0.0000, NaN, NaN

■ 49.8568, -1.6932,
-55.7313

■ 49.8568, -1.6932,
-55.7313

■ 46.7517, 2.4852,
-63.3121

■ 53.2520, -4.9943,
-48.1876

■ 45.9206, 3.7399,
-65.4702

■ 56.9314, -7.3922,
-40.7329

■ 60.8795, -8.9240,
-33.4187

■ 65.0761, -9.6569,
-26.2815

■ 69.5002, -9.6698,
-19.3408

■ 74.1318, -9.0429,
-12.6024

■ 78.9522, -7.8520,
-6.0625

■ 83.9448, -6.1658,
0.2893

■ 89.0946, -4.0451,
6.4666

Harmonies

Analogous

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



49.8576, -21.1943, -46.3595



49.8568, -1.6932, -55.7313



49.8576, 21.0079, -44.6659

Triad

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



49.8576, -1.6923, -55.7301



49.8576, 38.3511, 19.2890



49.8576, -34.3186, 18.2847

Complementary

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



49.8568, -1.6932, -55.7313



53.5603, 33.0267, 32.2932

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.



49.8576, -22.6044, 26.1477



49.8568, -1.6932, -55.7313



49.8576, 19.0456, 26.5282

Square

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



49.8576, -1.6923, -55.7301



49.8576, 46.4424, 3.6250



49.8576, -3.6263, 28.3604



49.8576, -37.9773, 1.7852

Rectangle

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



49.8568, -1.6932, -55.7313



49.8576, 34.3884, -29.1172



49.8576, -3.6263, 28.3604



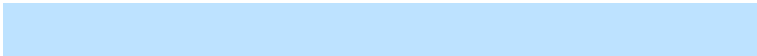
49.8576, -31.3043, 21.7302

Sweetspot

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



49.8576, -1.6923, -55.7301



85.1480, -10.2042, -13.5878



75.1224, -57.6604, 32.5234



38.5256, -4.8831, -7.5105

0.0000, NaN, NaN



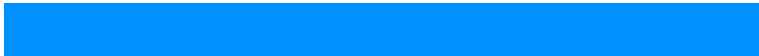
46.2646, -2.4686, 2.5136

Same Dimension

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



49.8576, -1.6923, -55.7301



52.1881, 4.6381, -75.2429



27.3487, 51.4032, -139.7988



39.0297, -3.1036, -0.5292



35.4036, 2.2570, -49.1236



10.5366, -0.9369, -11.1475

Inverse Universe

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



43.7426, 74.1366, -5.9047



48.2500, 86.8173, -1.2844



80.2577, -16.1303, 48.3121



38.0840, 2.3306, 0.6461



32.3466, 58.2968, -1.5961



8.8981, 16.2266, -1.9119

Previews

White Background



This preview shows how the HunterLab color 49.8568, -1.6932, -55.7313 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 49.8568, -1.6932, -55.7313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

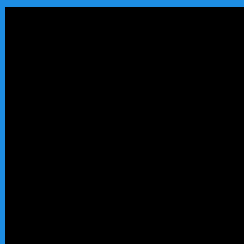
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

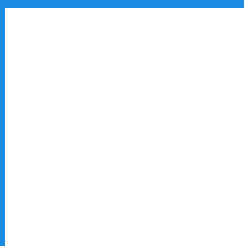
Any Text WCAG AAA × Fail

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

HunterLab 49.8568, -1.6932, -55.7313 Background



This preview shows how black text looks on a background with the HunterLab color 49.8568, -1.6932, -55.7313.



This preview shows how white text looks on a background with the HunterLab color 49.8568, -1.6932, -55.7313.

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

49.8568, -1.6932, -55.7313

Protanopia

49.7135, 8.7017, -49.1422

Deuteranopia

49.8703, 4.4344, -56.4552



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.8568, -1.6932, -55.7313

Protanomaly

49.3742, 3.5810, -52.4992

Deuteranomaly

49.6177, 2.1101, -57.0958

Tritanomaly

49.4811, -16.4825, -25.4619

Monochromacy



Original Color

49.8568, -1.6932, -55.7313

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.9173, -6.5689, -16.1172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8568, -1.6932, -55.7313 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(29, 141, 227)` looks like.

```
.text, #text, p{  
    color:rgb(29, 141, 227)  
}
```

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(29, 141, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 141, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8568, -1.6932, -55.7313 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(29, 141, 227) }
```


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

```
.border{ border-color:rgb(29, 141, 227) }
```

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

Here you see how a box with a 4 pixel rgb(29, 141, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 141, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 141, 227);  
box-shadow:4px 4px 4px 4px rgb(29, 141,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8568, -1.6932, -55.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 141, 227) }
```

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

```
.background{ background-color: rgb(29, 141,  
227) }
```

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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