

Converting Colors

HunterLab(49.0508, 2.7336,
-64.3663)

Have a look what the booklet for
HunterLab(49.0508, 2.7336,
-64.3663) contains.

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Color

**HunterLab(49.1288, 2.7499,
-64.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	1C89EB
RGB	28, 137, 235
RGB Percent	11%, 54%, 92%
CMY	0.8901, 0.4627, 0.0784
CMYK	0.88, 0.42, 0.00, 0.08
HSL	208°, 84%, 52%
HSV	208°, 88%, 92%
XYZ	24.4200, 24.1364, 81.9691
YIQ	115.5810, -96.4220, 7.3700

Conversions

Conversions Part 2

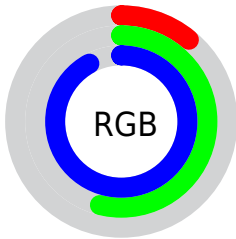
Format	Color
R _Y B	28, 99, 235
Decimal	1870315
CIE Lab	56.22, 6.55, -57.41
CIE LCh	56, 57.787, 276.511
Yxy	24.1371, 0.1871, 0.1849
Android (android.graphics.Color)	4280060395 (0xFF1C89EB)
YUV	115.5810, 58.8736, -76.8085
Hunter-Lab	49.1288, 2.7499, -64.5324

Details

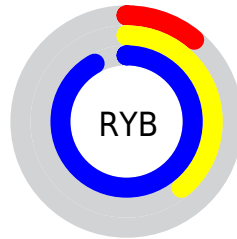
The HunterLab color **49.1288, 2.7499, -64.5324** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **57.1624, 30.9177, 34.6231**, and the grayscale version is **41.4399, -2.2111, 2.2515**.

A 20% lighter version of the original color is **68.9620, -8.6752, -38.9966**, and **31.9277, 8.5633, -58.3925** is the 20% darker color. If you saturate the color by 10%, you get **45.7350, 7.7675, -73.5752**, and if you desaturate by 10%, it is **52.8544, -1.3188, -55.6225**.

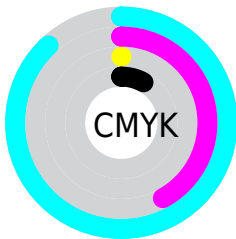
Distribution



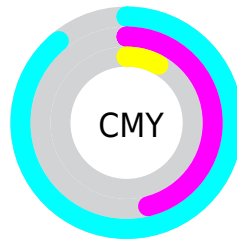
- Red (11%)
- Green (54%)
- Blue (92%)



- Red (11%)
- Yellow (39%)
- Blue (92%)



- Cyan (88%)
- Magenta (42%)
- Yellow (0%)
- Black (8%)



- Cyan (89%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1288, 2.7499, -64.5324 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 49.1288, 2.7499, -64.5324 by changing the saturation by 10% instead.

■ 49.1288, 2.7499,
-64.5324

■ 49.1288, 2.7499,
-64.5324

165.3823, -0.8706,
-71.1655

■ 39.2879, 2.9075,
-64.2603

■ 70.8899, 2.2601,
-65.7688

■ 30.2084, 2.9939,
-64.5027

■ 82.7270, 1.9370,
-66.5366

■ 21.9616, 2.9982,
-65.7560

■ 95.1582, 1.5679,
-67.3369

■ 14.6419, 2.9023,
-69.2186

■ 108.1564, 1.1560,
-68.1429

■ 8.3014, 2.9963,
-79.4768

■ 121.6977, 0.7040,
-68.9379

0.0000, NaN, -NF

0.0000, NaN, -NF

135.7613, 0.2143,

-69.7109

0.0000, NaN, -NF

150.3284, -0.3112,
-70.4550

0.0000, NaN, NaN

■ 49.1288, 2.7499,
-64.5324

■ 49.1288, 2.7499,
-64.5324

■ 45.7350, 7.7675,
-73.5752

■ 52.8544, -1.3188,
-55.6225

■ 45.1063, 8.7950,
-75.3649

■ 56.9029, -4.4010,
-46.9088

■ 61.2515, -6.5438,
-38.4525

■ 65.8736, -7.8285,
-30.2886

■ 70.7430, -8.3481,
-22.4279

■ 75.8354, -8.1949,
-14.8638

■ 81.1292, -7.4541,
-7.5792

■ 86.6050, -6.2019,
-0.5513

■ 92.2464, -4.5043,
6.2453

Harmonies

Analogous

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



49.1295, -19.7893, -57.5022



49.1288, 2.7499, -64.5324



49.1295, 28.1552, -47.6971

Triad

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



49.1295, 2.7510, -64.5312



49.1295, 40.5255, 22.3594



49.1295, -38.3584, 17.2186

Complementary

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



49.1288, 2.7499, -64.5324



57.1624, 30.9177, 34.6231

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.



49.1295, -27.3032, 26.5722



49.1288, 2.7499, -64.5324



49.1295, 17.2786, 28.3801

Square

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



49.1295, 2.7510, -64.5312



49.1295, 52.5211, 7.4224



49.1295, -7.7776, 29.4260



49.1295, -40.7589, -2.6009

Rectangle

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



49.1288, 2.7499, -64.5324



49.1295, 42.3891, -28.4600



49.1295, -7.7776, 29.4260



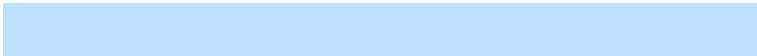
49.1295, -35.6516, 21.3318

Sweetspot

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



49.1295, 2.7510, -64.5312



84.3214, -8.8797, -14.7198



78.1891, -59.5185, 32.5227



38.0925, -4.1917, -8.1195

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1295, 2.7510, -64.5312



49.3375, 9.9361, -83.1168



27.2825, 57.4232, -152.9914



39.8267, -2.9717, -0.7031



34.0311, 5.8380, -55.1384



10.4971, -0.0863, -12.9342

Inverse Universe

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



45.0559, 76.4231, -2.0431



47.9463, 85.7144, 3.0372



85.6091, -20.0364, 51.6390



38.9700, 2.3270, 0.8442



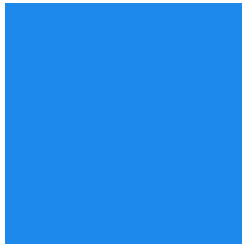
32.6526, 58.4669, 1.3450



9.2555, 16.7663, -1.1192

Previews

White Background



This preview shows how the HunterLab color 49.1288, 2.7499, -64.5324 looks on a white background.

Color Contrast Check

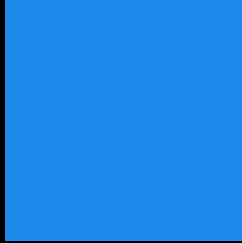
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1288, 2.7499, -64.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

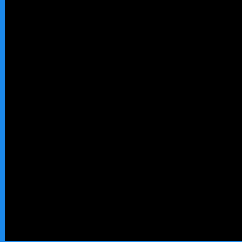
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

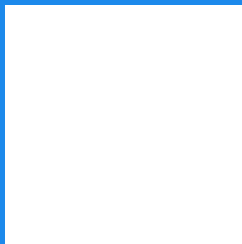
Any Text WCAG AAA × Fail

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

HunterLab 49.1288, 2.7499, -64.5324 Background



This preview shows how black text looks on a background with the HunterLab color 49.1288, 2.7499, -64.5324.



This preview shows how white text looks on a background with the HunterLab color 49.1288, 2.7499, -64.5324.

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

49.1288, 2.7499, -64.5324

Protanopia

49.1059, 10.6595, -59.0569

Deuteranopia

49.1806, 4.4033, -64.3715



Tritanopia

48.9879, -23.7649, -9.9289

Trichromacy



Original Color

49.1288, 2.7499, -64.5324

Protanomaly

48.7581, 6.9113, -61.7659

Deuteranomaly

49.0284, 3.8948, -64.7684

Tritanomaly

48.8909, -15.3863, -27.1566

Monochromacy



Original Color

49.1288, 2.7499, -64.5324

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.3628, -5.4041, -18.2233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1288, 2.7499, -64.5324 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(28, 137, 235)` looks like.

```
.text, #text, p{  
    color:rgb(28, 137, 235)  
}
```

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(28, 137, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 137, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1288, 2.7499, -64.5324 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(28, 137, 235) }
```


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

```
.border{ border-color:rgb(28, 137, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 137, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 137, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 137, 235);  
box-shadow:4px 4px 4px 4px rgb(28, 137,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1288, 2.7499, -64.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 137, 235) }
```

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

```
.background{ background-color: rgb(28, 137,  
235) }
```

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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