

Converting Colors

HunterLab(47.5489, 4.2475,
-63.9747)

Have a look what the booklet for
HunterLab(47.5489, 4.2475,
-63.9747) contains.

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Color

**HunterLab(47.5489, 4.2475,
-63.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	2584E6
RGB	37, 132, 230
RGB Percent	15%, 52%, 90%
CMY	0.8548, 0.4823, 0.0980
CMYK	0.84, 0.43, 0.00, 0.10
HSL	210°, 79%, 52%
HSV	210°, 84%, 90%
XYZ	23.2971, 22.6090, 77.9989
YIQ	114.7670, -88.0780, 10.3380

Conversions

Conversions Part 2

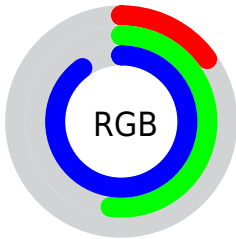
Format	Color
R _Y B	37, 101, 230
Decimal	2458854
CIE Lab	54.67, 8.31, -57.11
CIE LCh	55, 57.714, 278.283
Yxy	22.6097, 0.1880, 0.1825
Android (android.graphics.Color)	4280648934 (0xFF2584E6)
YUV	114.7670, 56.8099, -68.2017
Hunter-Lab	47.5489, 4.2475, -63.9747

Details

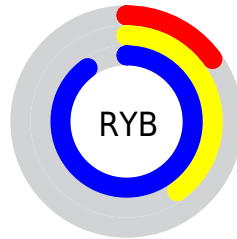
The HunterLab color **47.5489, 4.2475, -63.9747** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **58.5582, 24.4356, 34.7372**, and the grayscale version is **41.1310, -2.1946, 2.2347**.

A 20% lighter version of the original color is **67.1906, -5.3129, -42.1737**, and **30.4015, 9.8168, -59.1908** is the 20% darker color. If you saturate the color by 10%, you get **43.9511, 9.2653, -73.7460**, and if you desaturate by 10%, it is **51.5019, 0.2369, -54.4447**.

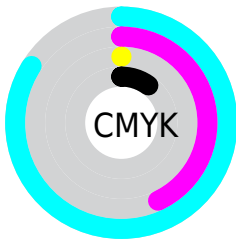
Distribution



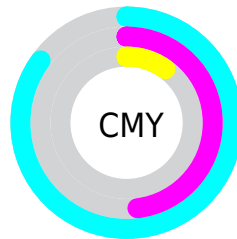
- Red (15%)
- Green (52%)
- Blue (90%)



- Red (15%)
- Yellow (40%)
- Blue (90%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)



- Cyan (85%)
- Magenta (48%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5489, 4.2475, -63.9747 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 47.5489, 4.2475, -63.9747 by changing the saturation by 10% instead.

■ 47.5489, 4.2475,
-63.9747

■ 47.5489, 4.2475,
-63.9747

163.0073, 1.3749,
-70.5561

■ 37.8227, 4.2976,
-63.7494

■ 69.1025, 3.9525,
-65.1720

■ 28.8678, 4.2677,
-64.0832

■ 80.8444, 3.7189,
-65.9323

■ 20.7583, 4.1443,
-65.5307

■ 93.1850, 3.4350,
-66.7286

■ 13.5938, 3.9054,
-69.4701

■ 106.0965, 3.1047,
-67.5328

■ 7.1887, 4.6561,
-84.5246

■ 119.5547, 2.7310,
-68.3272

0.0000, NaN, -NF

0.0000, NaN, -NF

133.5383, 2.3166,

-69.1003

0.0000, NaN, -NF

148.0282, 1.8639,
-69.8449

0.0000, NaN, NaN

■ 47.5489, 4.2475,
-63.9747

■ 47.5489, 4.2475,
-63.9747

■ 43.9511, 9.2653,
-73.7460

■ 51.5019, 0.2369,
-54.4447

■ 41.9145, 12.7196,
-79.8475

■ 55.7818, -2.7915,
-45.2479

■ 60.3582, -4.9126,
-36.4321

■ 65.2000, -6.2233,
-28.0104

■ 70.2791, -6.8239,
-19.9713

■ 75.5703, -6.8082,
-12.2885

■ 81.0519, -6.2599,
-4.9289

■ 86.7052, -5.2514,
2.1429

■ 92.5141, -3.8442,
8.9614

Harmonies

Analogous

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



47.5496, -18.3454, -58.3869



47.5489, 4.2475, -63.9747



47.5496, 29.3358, -45.9622

Triad

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



47.5496, 4.2486, -63.9735



47.5496, 39.0741, 22.4585



47.5496, -38.0819, 16.0652

Complementary

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



47.5489, 4.2475, -63.9747



58.5582, 24.4356, 34.7372

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.



47.5496, -27.7451, 25.6756



47.5489, 4.2475, -63.9747



47.5496, 15.6452, 27.8958

Square

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



47.5496, 4.2486, -63.9735



47.5496, 51.8777, 8.4536



47.5496, -8.9673, 28.6821



47.5496, -39.9407, -4.1348

Rectangle

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



47.5489, 4.2475, -63.9747



47.5496, 43.0929, -26.5293



47.5496, -8.9673, 28.6821



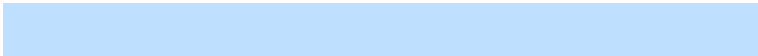
47.5496, -35.5979, 20.2841

Sweetspot

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



47.5496, 4.2486, -63.9735



84.2049, -7.6900, -14.8628



76.6128, -56.4177, 28.9044



37.9772, -3.5818, -8.2755

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5496, 4.2486, -63.9735



46.9205, 14.6999, -90.3794



27.2605, 55.1552, -145.0599



38.7978, -2.7232, -0.8121



31.9215, 8.8006, -58.8971



9.6881, 0.5000, -13.1886

Inverse Universe

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



44.5124, 72.3243, -0.3830



47.7007, 84.8201, 6.5514



85.7617, -22.5702, 51.2396



38.0600, 2.2022, 0.9867



31.9787, 56.9601, 3.6438



8.8002, 15.8731, -0.5344

Previews

White Background



This preview shows how the HunterLab color 47.5489, 4.2475, -63.9747 looks on a white background.

Color Contrast Check

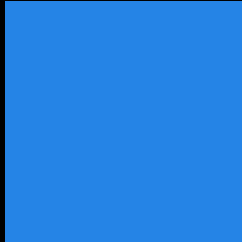
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5489, 4.2475, -63.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

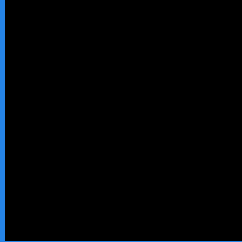
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

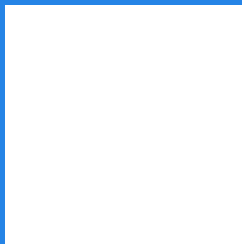
Any Text WCAG AAA × Fail

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

HunterLab 47.5489, 4.2475, -63.9747 Background



This preview shows how black text looks on a background with the HunterLab color 47.5489, 4.2475, -63.9747.



This preview shows how white text looks on a background with the HunterLab color 47.5489, 4.2475, -63.9747.

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

47.5489, 4.2475, -63.9747

Protanopia

47.5325, 10.7677, -59.3765

Deuteranopia

47.5889, 4.3807, -63.8694



Tritanopia

47.2367, -22.6198, -10.2121

Trichromacy



Original Color

47.5489, 4.2475, -63.9747

Protanomaly

47.4083, 7.7731, -61.5378

Deuteranomaly

47.5687, 4.3132, -63.9227

Tritanomaly

47.1372, -14.3744, -26.8719

Monochromacy



Original Color

47.5489, 4.2475, -63.9747

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.5856, -3.8816, -18.2375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5489, 4.2475, -63.9747 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(37, 132, 230)` looks like.

```
.text, #text, p{  
    color:rgb(37, 132, 230)  
}
```

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(37, 132, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 132, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5489, 4.2475, -63.9747 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(37, 132, 230) }
```


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

```
.border{ border-color:rgb(37, 132, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 132, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 132, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 132, 230);  
box-shadow:4px 4px 4px 4px rgb(37, 132,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5489, 4.2475, -63.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 132, 230) }
```

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

```
.background{ background-color: rgb(37, 132,  
230) }
```

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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