

Converting Colors

HunterLab(51.0164, -12.1694,
-36.6387)

Have a look what the booklet for
HunterLab(51.0164, -12.1694,
-36.6387) contains.

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Color

**HunterLab(51.0189,
-12.1729, -36.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	0C95CE
RGB	12, 149, 206
RGB Percent	5%, 58%, 81%
CMY	0.9528, 0.4157, 0.1922
CMYK	0.94, 0.28, 0.00, 0.19
HSL	198°, 89%, 43%
HSV	198°, 94%, 81%
XYZ	22.0396, 26.0293, 62.2550
YIQ	114.5350, -99.9490, -11.3170

Conversions

Conversions Part 2

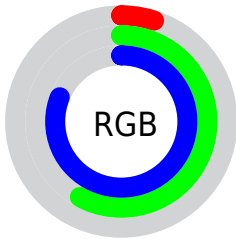
Format	Color
R _Y B	12, 92, 206
Decimal	824782
CIE Lab	58.07, -12.06, -38.30
CIE LCh	58, 40.154, 252.515
Yxy	26.0301, 0.1998, 0.2359
Android (android.graphics.Color)	4279014862 (0xFF0C95CE)
YUV	114.5350, 45.0922, -89.9232
Hunter-Lab	51.0189, -12.1729, -36.6345

Details

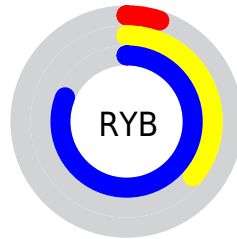
The HunterLab color **51.0189, -12.1729, -36.6345** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **41.7252, 45.2721, 26.0073**, and the grayscale version is **41.0913, -2.1925, 2.2326**.

A 20% lighter version of the original color is **72.6338, -16.8016, -32.7646**, and **33.1206, -4.3171, -32.0784** is the 20% darker color. If you saturate the color by 10%, you get **49.8485, -10.8307, -38.9260**, and if you desaturate by 10%, it is **53.1365, -14.0894, -32.6595**.

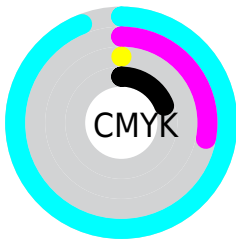
Distribution



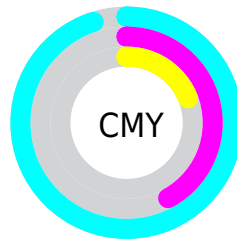
- Red (5%)
- Green (58%)
- Blue (81%)



- Red (5%)
- Yellow (36%)
- Blue (81%)



- Cyan (94%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0189, -12.1729, -36.6345 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 51.0189, -12.1729, -36.6345 by changing the saturation by 10% instead.

■ 51.0189, -12.1729,
-36.6345

■ 51.0189, -12.1729,
-36.6345

168.2052,
-23.3420, -41.1911

■ 41.0441, -10.9263,
-35.9879

■ 73.0230, -14.6338,
-37.9291

■ 31.8196, -9.6574,
-35.4142

■ 84.9717, -15.8608,
-38.5333

■ 23.4133, -8.3494,
-35.0422

■ 97.5091, -17.0902,
-39.0950

■ 15.9143, -6.9735,
-35.1850

■ 110.6090,
-18.3245, -39.6104

■ 9.4495, -6.0684,
-36.7670

■ 124.2480,
-19.5655, -40.0777

0.0000, NaN, -NF

0.0000, NaN, -NF

138.4056,

-20.8148, -40.4966

0.0000, NaN, -NF

153.0635,
-22.0734, -40.8674

0.0000, NaN, NaN

■ 51.0189, -12.1729,
-36.6345

■ 51.0189, -12.1729,
-36.6345

■ 49.8485, -10.8307,
-38.9260

■ 53.1365, -14.0894,
-32.6595

■ 55.4506, -15.3201,
-28.5360

■ 57.9682, -15.8367,
-24.2821

■ 60.6876, -15.6482,
-19.9269

■ 63.6025, -14.7865,
-15.5010

■ 66.7042, -13.2971,
-11.0326

■ 69.9824, -11.2318,
-6.5452

■ 73.4262, -8.6445,
-2.0576

■ 77.0249, -5.5879,
2.4164

Harmonies

Analogous

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



51.0197, -24.6369, -22.9969



51.0189, -12.1729, -36.6345



51.0197, 4.5471, -37.8183

Triad

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



51.0197, -12.1723, -36.6335



51.0197, 33.2359, 9.0614



51.0197, -22.9741, 20.7810

Complementary

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



51.0189, -12.1729, -36.6345



41.7252, 45.2721, 26.0073

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.



51.0197, -9.6113, 24.7507



51.0189, -12.1729, -36.6345



51.0197, 23.6509, 19.6280

Square

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



51.0197, -12.1723, -36.6335



51.0197, 32.3140, -7.4679



51.0197, 7.4640, 24.4123



51.0197, -30.2896, 11.2583

Rectangle

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



51.0189, -12.1729, -36.6345



51.0197, 16.0447, -30.9837



51.0197, 7.4640, 24.4123



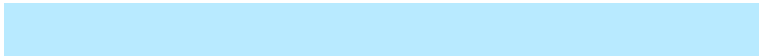
51.0197, -19.1209, 22.6440

Sweetspot

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



51.0197, -12.1723, -36.6335



87.3021, -15.4837, -10.7274



66.8032, -54.8164, 35.4916



39.5526, -7.6757, -6.1173

0.0000, NaN, NaN



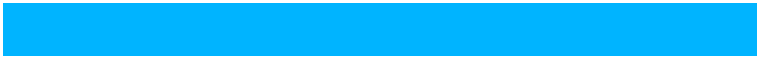
46.2646, -2.4686, 2.5136

Same Dimension

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



51.0197, -12.1723, -36.6335



63.1567, -13.3450, -50.1323



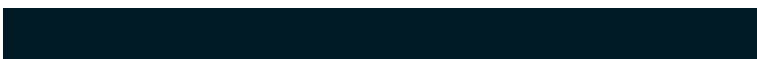
26.7942, 37.1510, -112.0508



34.8547, -3.3608, 0.0355



39.3396, -8.8323, -30.1047



9.6221, -2.9988, -5.5532

Inverse Universe

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



39.4409, 71.3254, -17.1924



49.5559, 91.5205, -19.5633



63.0009, -0.3432, 38.4862



33.6829, 2.2187, 0.0144



30.6028, 56.6080, -12.7817



7.0428, 13.1852, -4.1634

Previews

White Background



This preview shows how the HunterLab color 51.0189, -12.1729, -36.6345 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 51.0189, -12.1729, -36.6345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

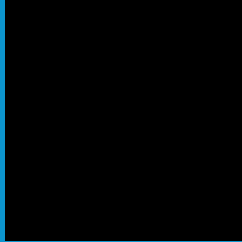
Any Text WCAG AA ✓ Pass

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 51.0189, -12.1729, -36.6345 Background



This preview shows how black text looks on a background with the HunterLab color 51.0189, -12.1729, -36.6345.



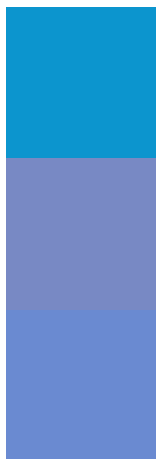
This preview shows how white text looks on a background with the HunterLab color 51.0189,

-12.1729, -36.6345.

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

51.0189, -12.1729, -36.6345

Protanopia

50.8625, 4.5361, -29.4571

Deuteranopia

50.8376, 4.2244, -38.9511



Tritanopia

50.8570, -24.2835, -11.1457

Trichromacy



Original Color

51.0189, -12.1729, -36.6345

Protanomaly

49.9692, -4.0583, -34.1165

Deuteranomaly

50.2770, -3.7331, -39.4570

Tritanomaly

50.8119, -20.0008, -20.0503

Monochromacy



Original Color

51.0189, -12.1729, -36.6345

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.5162, -10.2085, -11.5369

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0189, -12.1729, -36.6345 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(12, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(12, 149, 206)  
}
```

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(12, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 149, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0189, -12.1729, -36.6345 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(12, 149, 206) }
```


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

```
.border{ border-color:rgb(12, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(12, 149,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0189, -12.1729, -36.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 149, 206) }
```

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

```
.background{ background-color: rgb(12, 149,  
206) }
```

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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