

Converting Colors

HunterLab(55.1393, -5.5180,
-50.6337)

Have a look what the booklet for
HunterLab(55.1393, -5.5180,
-50.6337) contains.

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Color

**HunterLab(55.1393, -5.5180,
-50.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	309CEB
RGB	48, 156, 235
RGB Percent	19%, 61%, 92%
CMY	0.8117, 0.3882, 0.0784
CMYK	0.80, 0.34, 0.00, 0.08
HSL	205°, 82%, 55%
HSV	205°, 80%, 92%
XYZ	28.1027, 30.4034, 82.9844
YIQ	132.7140, -89.7270, 1.6730

Conversions

Conversions Part 2

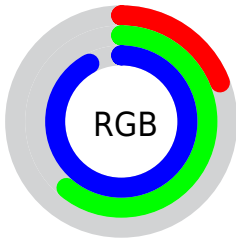
Format	Color
R_{YB}	48, 116, 235
Decimal	3185899
CIE _{Lab}	62.00, -3.11, -48.20
CIE _{LCh}	62, 48.303, 266.308
Yxy	30.4044, 0.1986, 0.2149
Android (android.graphics.Color)	4281375979 (0xFF309CEB)
YUV	132.7140, 50.4270, -74.2942
Hunter-Lab	55.1393, -5.5180, -50.6337

Details

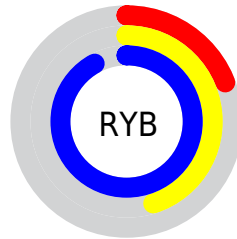
The HunterLab color **55.1393, -5.5180, -50.6337** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **57.4967, 30.9707, 33.0860**, and the grayscale version is **48.1523, -2.5693, 2.6162**.

A 20% lighter version of the original color is **75.7963, -16.9598, -27.5965**, and **36.5484, 0.4510, -46.6559** is the 20% darker color. If you saturate the color by 10%, you get **51.7485, -1.9980, -58.2000**, and if you desaturate by 10%, it is **58.8255, -8.1028, -43.1122**.

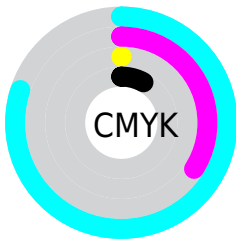
Distribution



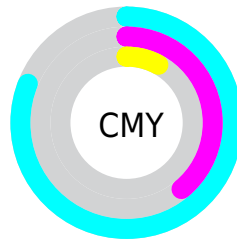
- Red (19%)
- Green (61%)
- Blue (92%)



- Red (19%)
- Yellow (45%)
- Blue (92%)



- Cyan (80%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (81%)
- Magenta (39%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1393, -5.5180, -50.6337 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 55.1393, -5.5180, -50.6337 by changing the saturation by 10% instead.

■ 55.1393, -5.5180,
-50.6337

■ 55.1393, -5.5180,
-50.6337

174.2943,
-13.1029, -56.5525

■ 44.8840, -4.7956,
-50.0017

■ 77.6538, -7.0361,
-52.0795

■ 35.3568, -4.0994,
-49.5470

■ 89.8376, -7.8328,
-52.8138

■ 26.6193, -3.4279,
-49.4607

■ 102.5994, -8.6535,
-53.5280

■ 18.7506, -2.7793,
-50.1705

■ 115.9141, -9.4980,
-54.2118

■ 11.8601, -2.1492,
-52.8051

■ 129.7595,
-10.3657, -54.8589

■ 4.7073, -3.1303,
-81.9966

144.1161,

0.0000, NaN, -NF

-11.2560, -55.4659

0.0000, NaN, -NF

158.9664,
-12.1686, -56.0307

0.0000, NaN, NaN

■ 55.1393, -5.5180,
-50.6337

■ 55.1393, -5.5180,
-50.6337

■ 51.7485, -1.9980,
-58.2000

■ 58.8255, -8.1028,
-43.1122

■ 48.6351, 2.3591,
-65.8068

■ 62.7911, -9.7790,
-35.6949

■ 48.5039, 2.5560,
-66.1434

■ 67.0181, -10.6069,
-28.4238

■ 71.4858, -10.6637,
-21.3261

■ 76.1739, -10.0314,
-14.4142

■ 81.0632, -8.7888,
-7.6899

■ 86.1361, -7.0090,
-1.1472

■ 91.3769, -4.7570,
5.2244

■ 96.3225, -3.6406,
10.9100

Harmonies

Analogous

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



55.1402, -23.5765, -39.3986



55.1393, -5.5180, -50.6337



55.1402, 16.0869, -43.6394

Triad

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



55.1402, -5.5172, -50.6325



55.1402, 38.0535, 17.4383



55.1402, -32.6425, 20.3205

Complementary

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



55.1393, -5.5180, -50.6337



57.4967, 30.9707, 33.0860

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.



55.1402, -19.7014, 27.5022



55.1393, -5.5180, -50.6337



55.1402, 21.2513, 26.3276

Square

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



55.1402, -5.5172, -50.6325



55.1402, 43.3358, 0.4743



55.1402, -0.3249, 29.1975



55.1402, -37.6887, 5.4143

Rectangle

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



55.1393, -5.5180, -50.6337



55.1402, 29.3426, -30.6109



55.1402, -0.3249, 29.1975



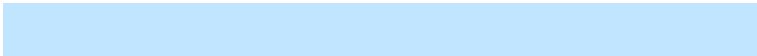
55.1402, -29.1756, 23.4666

Sweetspot

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



55.1402, -5.5172, -50.6325



86.4760, -10.3389, -11.7602



78.4540, -58.3685, 32.4228



39.1241, -4.9955, -6.6668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1402, -5.5172, -50.6325



54.7468, 0.5285, -68.7147



32.0135, 44.4853, -125.0600



39.9922, -3.2426, -0.5017



36.5398, 1.2824, -48.4399



11.1275, -1.1320, -11.4648

Inverse Universe

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



47.0934, 74.2021, -9.2813



48.8159, 86.8043, -4.8204



82.9202, -15.4422, 48.8240



38.9871, 2.4187, 0.6008



32.9251, 59.4554, -2.5231



9.3296, 17.0334, -2.1585

Previews

White Background



This preview shows how the HunterLab color 55.1393, -5.5180, -50.6337 looks on a white background.

Color Contrast Check

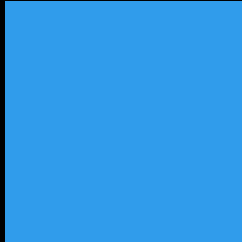
Large Text (above 18pt) WCAG AA × Fail

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 55.1393, -5.5180, -50.6337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

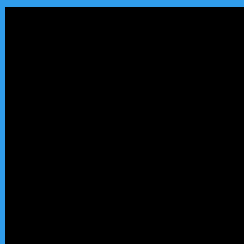
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

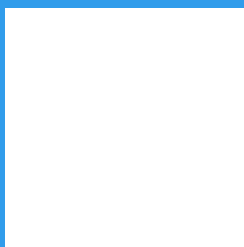
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.1393, -5.5180, -50.6337 Background



This preview shows how black text looks on a background with the HunterLab color 55.1393, -5.5180, -50.6337.

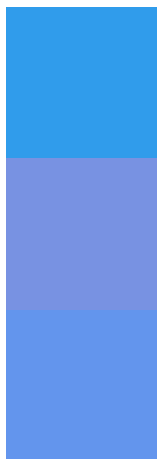


This preview shows how white text looks on a background with the HunterLab color 55.1393, -5.5180,

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

55.1393, -5.5180, -50.6337

Protanopia

54.8104, 7.4881, -43.9270

Deuteranopia

55.0109, 4.9013, -52.3699



Tritanopia

54.8859, -26.1572, -12.1367

Trichromacy



Original Color

55.1393, -5.5180, -50.6337

Protanomaly

54.6347, 1.3103, -46.7565

Deuteranomaly

54.9710, 0.1665, -51.7161

Tritanomaly

54.8483, -19.6346, -24.9550

Monochromacy



Original Color

55.1393, -5.5180, -50.6337

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.7763, -7.2830, -14.7544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1393, -5.5180, -50.6337 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(48, 156, 235)` looks like.

```
.text, #text, p{  
    color:rgb(48, 156, 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(48, 156, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 156, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1393, -5.5180, -50.6337 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(48, 156, 235) }
```


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

```
.border{ border-color:rgb(48, 156, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 156, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 156, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 156, 235);  
box-shadow:4px 4px 4px 4px rgb(48, 156,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1393, -5.5180, -50.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 156, 235) }
```

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

```
.background{ background-color: rgb(48, 156,  
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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