

Converting Colors

HunterLab(53.3705, -5.1447,
-47.8966)

Have a look what the booklet for
HunterLab(53.3705, -5.1447,
-47.8966) contains.

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Color

**HunterLab(53.3004, -5.0381,
-48.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	3497E3
RGB	52, 151, 227
RGB Percent	20%, 59%, 89%
CMY	0.7960, 0.4078, 0.1098
CMYK	0.77, 0.33, 0.00, 0.11
HSL	206°, 76%, 55%
HSV	206°, 77%, 89%
XYZ	26.3479, 28.4093, 76.7679
YIQ	130.0630, -83.4000, 2.6480

Conversions

Conversions Part 2

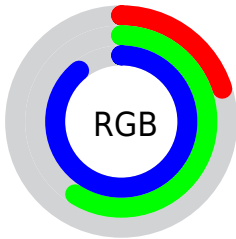
Format	Color
R _Y B	52, 115, 227
Decimal	3446755
CIE Lab	60.26, -2.68, -46.53
CIE LCh	60, 46.606, 266.709
Yxy	28.4103, 0.2003, 0.2160
Android (android.graphics.Color)	4281636835 (0xFF3497E3)
YUV	130.0630, 47.7899, -68.4613
Hunter-Lab	53.3004, -5.0381, -48.0844

Details

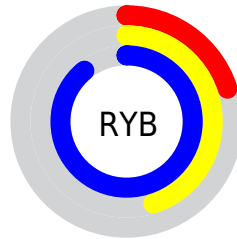
The HunterLab color **53.3004, -5.0381, -48.0844** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **56.5869, 27.2130, 31.9393**, and the grayscale version is **47.1152, -2.5139, 2.5599**.

A 20% lighter version of the original color is **74.2251, -14.3416, -30.0854**, and **34.9966, -0.0159, -43.7084** is the 20% darker color. If you saturate the color by 10%, you get **49.9037, -1.7479, -55.6230**, and if you desaturate by 10%, it is **56.9837, -7.4230, -40.6318**.

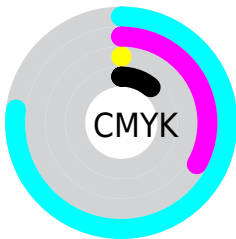
Distribution



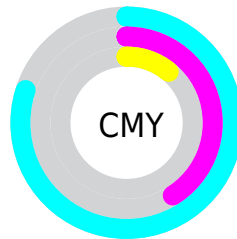
- Red (20%)
- Green (59%)
- Blue (89%)



- Red (20%)
- Yellow (45%)
- Blue (89%)



- Cyan (77%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (80%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3004, -5.0381, -48.0844 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 53.3004, -5.0381, -48.0844 by changing the saturation by 10% instead.

■ 53.3004, -5.0381,
-48.0844

■ 53.3004, -5.0381,
-48.0844

171.5873,
-12.4134, -53.8300

■ 43.1684, -4.3450,
-47.4546

■ 75.5902, -6.5026,
-49.5110

■ 33.7742, -3.6799,
-46.9973

■ 87.6704, -7.2743,
-50.2297

■ 25.1818, -3.0421,
-46.9086

■ 100.3333, -8.0712,
-50.9254

■ 17.4748, -2.4302,
-47.6391

■ 113.5532, -8.8927,
-51.5882

■ 10.7695, -1.8407,
-50.4297

■ 127.3075, -9.7383,
-52.2125

■ 1.6887, -2.9552,
-196.8838

141.5763,

0.0000, NaN, -NF

-10.6073, -52.7951

0.0000, NaN, -NF

156.3416,
-11.4991, -53.3345

0.0000, NaN, NaN

■ 53.3004, -5.0381,
-48.0844

■ 53.3004, -5.0381,
-48.0844

■ 49.9037, -1.7479,
-55.6230

■ 56.9837, -7.4230,
-40.6318

■ 46.7950, 2.4190,
-63.2016

■ 60.9346, -8.9433,
-33.3212

■ 45.9260, 3.7304,
-65.4563

■ 65.1336, -9.6657,
-26.1878

■ 69.5599, -9.6691,
-19.2508

■ 74.1934, -9.0337,
-12.5160

■ 79.0156, -7.8352,
-5.9795

■ 84.0096, -6.1422,
0.3692

■ 89.1607, -4.0153,
6.5437

■ 94.3232, -1.9637,
12.4057

Harmonies

Analogous

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



53.3013, -22.3602, -37.6434



53.3004, -5.0381, -48.0844



53.3013, 15.5671, -41.2294

Triad

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



53.3013, -5.0374, -48.0832



53.3013, 36.0512, 16.8666



53.3013, -31.3401, 19.3320

Complementary

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



53.3004, -5.0381, -48.0844



56.5869, 27.2130, 31.9393

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.



53.3013, -19.0573, 26.3308



53.3004, -5.0381, -48.0844



53.3013, 19.9529, 25.3203

Square

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



53.3013, -5.0374, -48.0832



53.3013, 41.2485, 0.7574



53.3013, -0.6204, 28.0297



53.3013, -36.0700, 4.9597

Rectangle

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



53.3004, -5.0381, -48.0844



53.3013, 28.1408, -28.7829



53.3013, -0.6204, 28.0297



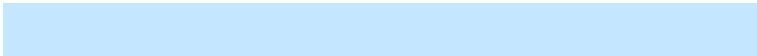
53.3013, -28.0553, 22.3879

Sweetspot

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



53.3013, -5.0374, -48.0832



86.7950, -9.8407, -11.3165



75.6462, -55.0495, 29.6855



39.2398, -4.7536, -6.5008

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.3013, -5.0374, -48.0832



54.5935, 0.9980, -69.0889



31.4758, 41.8776, -116.7647



39.0300, -3.1040, -0.5289



35.4076, 2.2498, -49.1131



10.5376, -0.9384, -11.1453

Inverse Universe

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



45.8505, 69.6202, -8.3893



48.9437, 86.2033, -4.3187



80.8398, -16.3057, 47.1437



38.0840, 2.3308, 0.6457



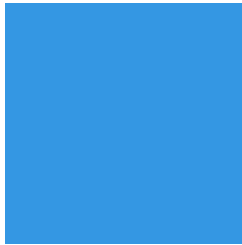
32.3471, 58.2985, -1.6025



8.8982, 16.2270, -1.9135

Previews

White Background



This preview shows how the HunterLab color 53.3004, -5.0381, -48.0844 looks on a white background.

Color Contrast Check

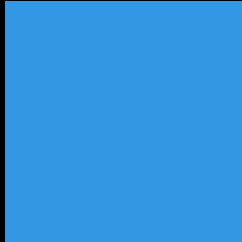
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.3004, -5.0381, -48.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

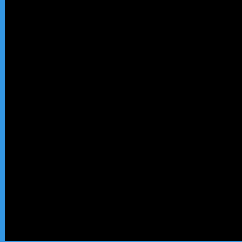
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

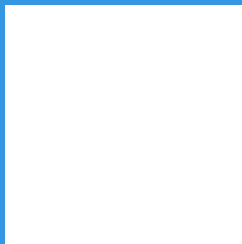
Any Text WCAG AAA × Fail

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

HunterLab 53.3004, -5.0381, -48.0844 Background



This preview shows how black text looks on a background with the HunterLab color 53.3004, -5.0381, -48.0844.

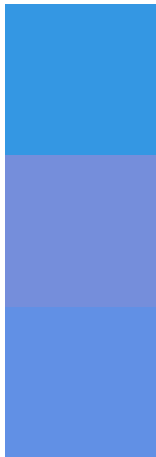


This preview shows how white text looks on a background with the HunterLab color 53.3004, -5.0381, -48.0844.

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

53.3004, -5.0381, -48.0844

Protanopia

53.1436, 7.0760, -41.8982

Deuteranopia

53.0519, 4.8878, -50.0692



Tritanopia

53.0648, -25.2050, -11.9161

Trichromacy



Original Color

53.3004, -5.0381, -48.0844

Protanomaly

52.7749, 1.7542, -45.0883

Deuteranomaly

53.1208, 0.5569, -49.1804

Tritanomaly

53.0119, -18.8576, -24.0914

Monochromacy



Original Color

53.3004, -5.0381, -48.0844

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.7015, -6.9411, -13.4486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.3004, -5.0381, -48.0844 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(52, 151, 227)` looks like.

```
.text, #text, p{  
    color:rgb(52, 151, 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(52, 151, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 151, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 53.3004, -5.0381, -48.0844 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(52, 151, 227) }
```


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

```
.border{ border-color:rgb(52, 151, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 151, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 151, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 151, 227);  
box-shadow:4px 4px 4px 4px rgb(52, 151,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.3004, -5.0381, -48.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 151, 227) }
```

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

```
.background{ background-color: rgb(52, 151,  
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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