

Converting Colors

HunterLab(56.8083, -7.5057,
-48.7759)

Have a look what the booklet for
HunterLab(56.8083, -7.5057,
-48.7759) contains.

HunterLab(56.7525, -7.4660, -48.8631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(56.7525, -7.4660,
-48.8631)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA1ED
RGB	47, 161, 237
RGB Percent	18%, 63%, 93%
CMY	0.8156, 0.3686, 0.0706
CMYK	0.80, 0.32, 0.00, 0.07
HSL	204°, 84%, 56%
HSV	204°, 80%, 93%
XYZ	29.2032, 32.2085, 84.7984
YIQ	135.5780, -92.3400, -0.5320

Conversions

Conversions Part 2

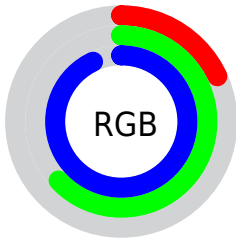
Format	Color
R_{YB}	47, 118, 237
Decimal	3121645
CIE _{Lab}	63.52, -5.34, -46.91
CIE _{LCh}	64, 47.217, 263.501
Yxy	32.2095, 0.1997, 0.2203
Android (android.graphics.Color)	4281311725 (0xFF2FA1ED)
YUV	135.5780, 50.0010, -77.6829
Hunter-Lab	56.7525, -7.4660, -48.8631

Details

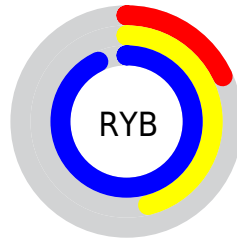
The HunterLab color **56.7525, -7.4660, -48.8631** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **56.9034, 33.8116, 32.8515**, and the grayscale version is **49.2879, -2.6299, 2.6779**.

A 20% lighter version of the original color is **77.7620, -19.8597, -24.5652**, and **38.0632, -1.3485, -44.6646** is the 20% darker color. If you saturate the color by 10%, you get **53.4805, -4.1500, -55.9430**, and if you desaturate by 10%, it is **60.3109, -9.8601, -41.7745**.

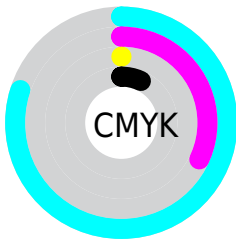
Distribution



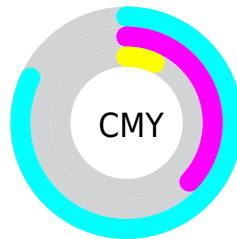
- Red (18%)
- Green (63%)
- Blue (93%)



- Red (18%)
- Yellow (46%)
- Blue (93%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (37%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7525, -7.4660, -48.8631 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 56.7525, -7.4660, -48.8631 by changing the saturation by 10% instead.

■ 56.7525, -7.4660,
-48.8631

■ 56.7525, -7.4660,
-48.8631

176.6558,
-15.9634, -54.5880

■ 46.3914, -6.6143,
-48.2039

■ 79.4603, -9.2201,
-50.3057

■ 36.7502, -5.7788,
-47.6838

■ 91.7334, -10.1256,
-51.0230

■ 27.8886, -4.9554,
-47.4604

■ 104.5804,
-11.0504, -51.7145

■ 19.8823, -4.1384,
-47.8808

■ 117.9768,
-11.9945, -52.3718

■ 12.8349, -3.3159,
-49.8339

■ 131.9008,
-12.9579, -52.9899

■ 6.2386, -4.0658,
-63.2633

146.3333,

0.0000, NaN, -NF

-13.9407, -53.5660

0.0000, NaN, -NF

161.2568,
-14.9426, -54.0989

0.0000, NaN, -NF

■ 56.7525, -7.4660,
-48.8631

■ 56.7525, -7.4660,
-48.8631

■ 53.4805, -4.1500,
-55.9430

■ 60.3109, -9.8601,
-41.7745

■ 50.5154, -0.1051,
-62.9130

■ 64.1435, -11.3488,
-34.7327

■ 68.2354, -11.9841,
-27.7813

■ 72.5681, -11.8374,
-20.9524

■ 77.1226, -10.9867,
-14.2651

■ 81.8809, -9.5090,
-7.7278

■ 86.8258, -7.4766,
-1.3410

■ 91.9420, -4.9548,
4.9002

■ 96.6881, -3.8232,
10.3807

Harmonies

Analogous

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



56.7534, -24.8146, -36.5444



56.7525, -7.4660, -48.8631



56.7534, 13.7255, -43.7450

Triad

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



56.7534, -7.4653, -48.8619



56.7534, 38.2670, 16.2066



56.7534, -31.6091, 21.3081

Complementary

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



56.7525, -7.4660, -48.8631



56.9034, 33.8116, 32.8515

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.



56.7534, -18.0444, 27.9945



56.7525, -7.4660, -48.8631



56.7534, 22.6312, 25.8726

Square

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



56.7534, -7.4653, -48.8619



56.7534, 42.1666, -1.3643



56.7534, 1.5432, 29.2989



56.7534, -37.4051, 7.2088

Rectangle

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



56.7525, -7.4660, -48.8631



56.7534, 27.0422, -31.8004



56.7534, 1.5432, 29.2989



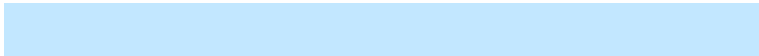
56.7534, -27.9091, 24.2595

Sweetspot

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



56.7534, -7.4653, -48.8619



86.9168, -11.0407, -11.1719



79.1226, -59.4298, 33.6701



39.3584, -5.3664, -6.3462

0.0000, NaN, NaN



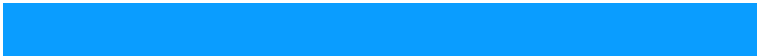
46.2646, -2.4686, 2.5136

Same Dimension

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



56.7534, -7.4653, -48.8619



56.0575, -1.7872, -65.5522



32.5844, 43.8198, -124.9420



40.0652, -3.3618, -0.4130



37.6771, -0.6773, -45.6309



11.4109, -1.5838, -10.8437

Inverse Universe

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



47.5524, 75.8511, -11.4125



48.9063, 87.5724, -7.0415



82.6765, -14.0402, 48.7692



38.9946, 2.4593, 0.4932



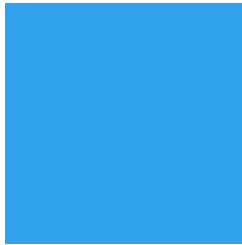
33.0543, 59.9223, -4.3449



9.3641, 17.1574, -2.6398

Previews

White Background



This preview shows how the HunterLab color 56.7525, -7.4660, -48.8631 looks on a white background.

Color Contrast Check

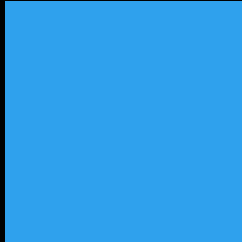
Large Text (above 18pt) WCAG AA × Fail

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 56.7525, -7.4660, -48.8631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

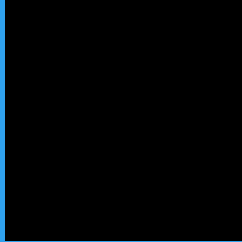
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

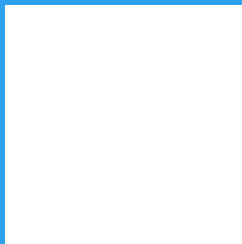
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.7525, -7.4660, -48.8631 Background



This preview shows how black text looks on a background with the HunterLab color 56.7525, -7.4660, -48.8631.

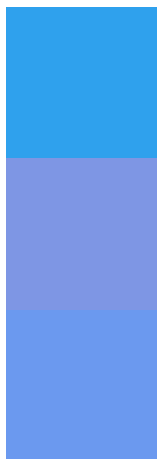


This preview shows how white text looks on a background with the HunterLab color 56.7525, -7.4660, -48.8631.

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

56.7525, -7.4660, -48.8631

Protanopia

56.4356, 7.2395, -42.2091

Deuteranopia

56.6924, 4.8002, -50.3854



Tritanopia

56.7171, -27.1151, -12.3578

Trichromacy



Original Color

56.7525, -7.4660, -48.8631

Protanomaly

56.0554, 0.3286, -45.4169

Deuteranomaly

56.4635, -0.5967, -50.1560

Tritanomaly

56.6290, -20.8361, -24.6251

Monochromacy



Original Color

56.7525, -7.4660, -48.8631

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

51.1967, -8.0885, -14.3795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.7525, -7.4660, -48.8631 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(47, 161, 237)` looks like.

```
.text, #text, p{  
    color:rgb(47, 161, 237)  
}
```

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(47, 161, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 161, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 56.7525, -7.4660, -48.8631 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(47, 161, 237) }
```


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

```
.border{ border-color:rgb(47, 161, 237) }
```

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

Here you see how a box with a 4 pixel rgb(47, 161, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 161, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 161, 237);  
box-shadow:4px 4px 4px 4px rgb(47, 161,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.7525, -7.4660, -48.8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 161, 237) }
```

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

```
.background{ background-color: rgb(47, 161,  
237) }
```

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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