

Converting Colors

HunterLab(47.3862, -1.9741,
-50.1133)

Have a look what the booklet for
HunterLab(47.3862, -1.9741,
-50.1133) contains.

HunterLab(47.5343, -2.0695, -50.0977)	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(47.5343, -2.0695,
-50.0977)

Conversions

Conversions Part 1

Format	Color
Hex	2687D6
RGB	38, 135, 214
RGB Percent	15%, 53%, 84%
CMY	0.8509, 0.4706, 0.1608
CMYK	0.82, 0.37, 0.00, 0.16
HSL	207°, 70%, 49%
HSV	207°, 82%, 84%
XYZ	21.6010, 22.5951, 66.8412
YIQ	115.0030, -83.1710, 4.0050

Conversions

Conversions Part 2

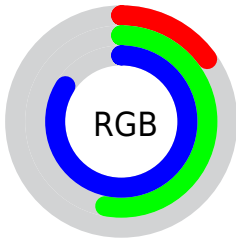
Format	Color
R_{YB}	38, 101, 214
Decimal	2525142
CIE Lab	54.65, 0.59, -48.16
CIE LCh	55, 48.165, 270.703
Yxy	22.5958, 0.1945, 0.2035
Android (android.graphics.Color)	4280715222 (0xFF2687D6)
YUV	115.0030, 48.8055, -67.5316
Hunter-Lab	47.5343, -2.0695, -50.0977

Details

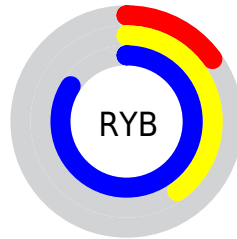
The HunterLab color **47.5343, -2.0695, -50.0977** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **52.1181, 26.7654, 30.4957**, and the grayscale version is **41.2500, -2.2010, 2.2412**.

A 20% lighter version of the original color is **68.2870, -7.8459, -40.2021**, and **30.2635, 3.5778, -45.5503** is the 20% darker color. If you saturate the color by 10%, you get **44.4276, 1.5857, -57.4975**, and if you desaturate by 10%, it is **50.9204, -4.8680, -42.7840**.

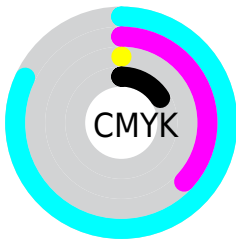
Distribution



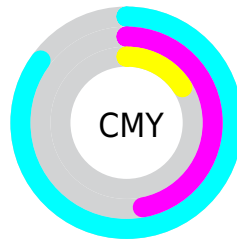
- Red (15%)
- Green (53%)
- Blue (84%)



- Red (15%)
- Yellow (40%)
- Blue (84%)



- Cyan (82%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (85%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5343, -2.0695, -50.0977 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 47.5343, -2.0695, -50.0977 by changing the saturation by 10% instead.

■ 47.5343, -2.0695,
-50.0977

■ 47.5343, -2.0695,
-50.0977

■ 162.9853, -7.9970,
-56.1089

■ 37.8092, -1.5836,
-49.5809

■ 69.0860, -3.1576,
-51.4767

■ 28.8554, -1.1428,
-49.3670

■ 80.8270, -3.7562,
-52.2150

■ 20.7473, -0.7510,
-49.7956

■ 93.1668, -4.3881,
-52.9448

■ 13.5842, -0.4151,
-51.7180

■ 106.0775, -5.0518,
-53.6512

■ 7.1776, -0.0247,
-61.0688

■ 119.5349, -5.7456,
-54.3250

0.0000, NaN, -NF

0.0000, NaN, -NF

133.5178, -6.4685,

-54.9610

0.0000, NaN, -NF

148.0069, -7.2193,
-55.5562

0.0000, NaN, NaN

■ 47.5343, -2.0695,
-50.0977

■ 47.5343, -2.0695,
-50.0977

■ 44.4276, 1.5857,
-57.4975

■ 50.9204, -4.8680,
-42.7840

■ 42.1861, 4.9116,
-63.3317

■ 54.5696, -6.8301,
-35.6161

■ 58.4633, -8.0114,
-28.6340

■ 62.5805, -8.4850,
-21.8605

■ 66.9011, -8.3284,
-15.3029

■ 71.4064, -7.6163,
-8.9570

■ 76.0794, -6.4172,
-2.8120

■ 80.9051, -4.7916,
3.1473

■ 85.8703, -2.7923,
8.9377

Harmonies

Analogous

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



47.5350, -19.8517, -41.3610



47.5343, -2.0695, -50.0977



47.5350, 18.6186, -40.5566

Triad

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



47.5350, -2.0687, -50.0966



47.5350, 35.0392, 17.6733



47.5350, -31.5182, 17.1755

Complementary

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



47.5343, -2.0695, -50.0977



52.1181, 26.7654, 30.4957

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.



47.5350, -20.5410, 24.4509



47.5343, -2.0695, -50.0977



47.5350, 17.6721, 24.6439

Square

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



47.5350, -2.0687, -50.0966



47.5350, 42.0929, 3.0317



47.5350, -3.0073, 26.4912



47.5350, -35.0688, 2.1389

Rectangle

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



47.5343, -2.0695, -50.0977



47.5350, 30.8452, -26.7214



47.5350, -3.0073, 26.4912



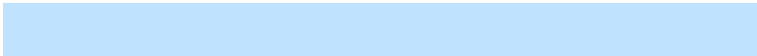
47.5350, -28.6744, 20.3501

Sweetspot

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



47.5350, -2.0687, -50.0966



85.3989, -9.6159, -13.2294



70.5175, -52.7832, 29.0739



38.6066, -4.5940, -7.3900

0.0000, NaN, NaN



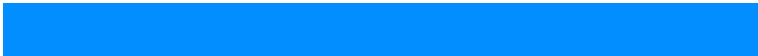
46.2646, -2.4686, 2.5136

Same Dimension

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



47.5350, -2.0687, -50.0966



51.4642, 6.0358, -77.1764



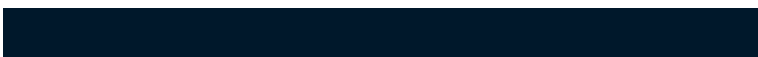
27.4361, 43.5114, -119.8143



36.2380, -2.8086, -0.5230



33.1172, 3.2362, -48.3796



9.0870, -0.8384, -9.5481

Inverse Universe

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



41.7528, 67.1527, -5.6466



48.2271, 86.3246, -0.0755



75.3682, -15.2149, 44.7314



35.4037, 2.1092, 0.6736



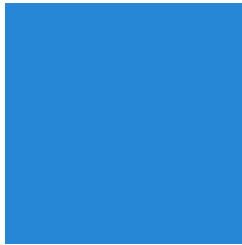
30.7441, 55.2879, -0.5801



7.6595, 13.9721, -1.6785

Previews

White Background



This preview shows how the HunterLab color 47.5343, -2.0695, -50.0977 looks on a white background.

Color Contrast Check

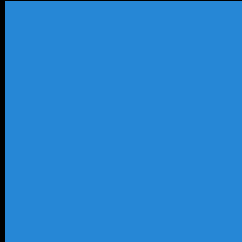
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5343, -2.0695, -50.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

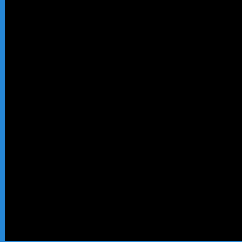
Any Text WCAG AA ✓ Pass

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 47.5343, -2.0695, -50.0977 Background



This preview shows how black text looks on a background with the HunterLab color 47.5343, -2.0695, -50.0977.

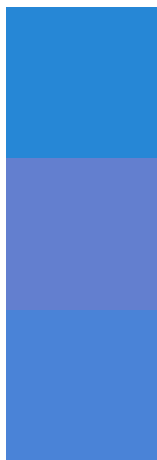


This preview shows how white text looks on a background with the HunterLab color 47.5343, -2.0695, -50.0977.

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

47.5343, -2.0695, -50.0977

Protanopia

47.2614, 7.9278, -44.7947

Deuteranopia

47.5339, 3.9594, -50.8307



Tritanopia

47.2367, -22.6198, -10.2121

Trichromacy



Original Color

47.5343, -2.0695, -50.0977

Protanomaly

47.1128, 3.4671, -47.6409

Deuteranomaly

47.3296, 1.8095, -51.3404

Tritanomaly

47.1993, -16.2560, -22.7967

Monochromacy



Original Color

47.5343, -2.0695, -50.0977

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.6376, -5.6403, -14.5386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5343, -2.0695, -50.0977 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(38, 135, 214)` looks like.

```
.text, #text, p{  
    color:rgb(38, 135, 214)  
}
```

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(38, 135, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 135, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5343, -2.0695, -50.0977 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(38, 135, 214) }
```


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

```
.border{ border-color:rgb(38, 135, 214) }
```

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

Here you see how a box with a 4 pixel rgb(38, 135, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 135, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 135, 214);  
box-shadow:4px 4px 4px 4px rgb(38, 135,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5343, -2.0695, -50.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 135, 214) }
```

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

```
.background{ background-color: rgb(38, 135,  
214) }
```

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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