

Converting Colors

HunterLab(47.2320, -7.2861,
-37.3329)

Have a look what the booklet for
HunterLab(47.2320, -7.2861,
-37.3329) contains.

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Color

**HunterLab(47.3668, -7.4474,
-37.0632)**

Conversions

Conversions Part 1

Format	Color
Hex	2B89C5
RGB	43, 137, 197
RGB Percent	17%, 54%, 77%
CMY	0.8313, 0.4627, 0.2274
CMYK	0.78, 0.30, 0.00, 0.23
HSL	203°, 64%, 47%
HSV	203°, 78%, 77%
XYZ	20.0200, 22.4361, 56.0987
YIQ	115.7340, -75.2840, -1.2680

Conversions

Conversions Part 2

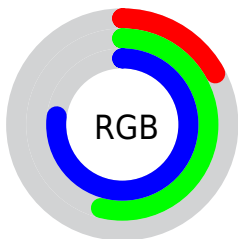
Format	Color
R_{YB}	43, 101, 197
Decimal	2853317
CIE _{Lab}	54.49, -6.33, -38.81
CIE _{LCh}	54, 39.318, 260.739
Yxy	22.4369, 0.2031, 0.2277
Android (android.graphics.Color)	4281043397 (0xFF2B89C5)
YUV	115.7340, 40.0641, -63.7877
Hunter-Lab	47.3668, -7.4474, -37.0632

Details

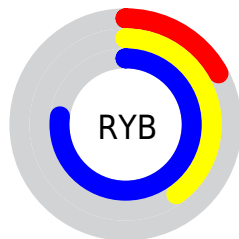
The HunterLab color $47.3668, -7.4474, -37.0632$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as dark muted azure. A complement of this color would be $46.6345, 26.7648, 26.2973$, and the grayscale version is $41.5614, -2.2176, 2.2581$.

A 20% lighter version of the original color is $68.8676, -9.1042, -38.4492$, and $29.6641, -1.5699, -33.6885$ is the 20% darker color. If you saturate the color by 10%, you get $44.7254, -5.1063, -42.5554$, and if you desaturate by 10%, it is $50.2304, -9.0628, -31.5580$.

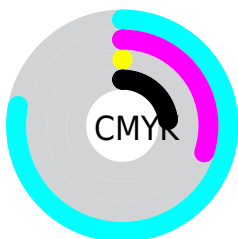
Distribution



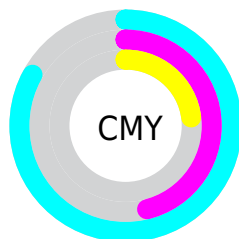
- Red (17%)
- Green (54%)
- Blue (77%)



- Red (17%)
- Yellow (40%)
- Blue (77%)



- Cyan (78%)
- Magenta (30%)
- Yellow (0%)
- Black (23%)



- Cyan (83%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3668, -7.4474, -37.0632 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 47.3668, -7.4474, -37.0632 by changing the saturation by 10% instead.

■ 47.3668, -7.4474,
-37.0632

■ 47.3668, -7.4474,
-37.0632

162.7327,
-16.1986, -41.8294

■ 37.6540, -6.5502,
-36.4341

■ 68.8963, -9.2767,
-38.3776

■ 28.7137, -5.6605,
-35.9211

■ 80.6271, -10.2140,
-39.0038

■ 20.6203, -4.7702,
-35.7053

■ 92.9572, -11.1677,
-39.5912

■ 13.4740, -3.8652,
-36.2521

■ 105.8586,
-12.1386, -40.1340

■ 7.0484, -4.2881,
-41.7017

■ 119.3071,
-13.1270, -40.6298

0.0000, NaN, -NF

0.0000, NaN, -NF

133.2814,

-14.1331, -41.0774

0.0000, NaN, NaN

147.7623,
-15.1569, -41.4771

0.0000, NaN, NaN

■ 47.3668, -7.4474,
-37.0632

■ 47.3668, -7.4474,
-37.0632

■ 44.7254, -5.1063,
-42.5554

■ 50.2304, -9.0628,
-31.5580

■ 42.2940, -2.0980,
-48.0266

■ 53.3057, -9.9733,
-26.0819

■ 41.8600, -1.5146,
-49.0516

■ 56.5812, -10.2225,
-20.6666

■ 60.0430, -9.8664,
-15.3358

■ 63.6769, -8.9650,
-10.1042

■ 67.4691, -7.5772,
-4.9786

■ 71.4070, -5.7579,
0.0396

■ 75.4787, -3.5569,
4.9532

■ 79.6737, -1.0182,
9.7674

Harmonies

Analogous

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



47.3676, -20.7014, -26.6381



47.3668, -7.4474, -37.0632



47.3676, 9.0322, -34.4219

Triad

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



47.3676, -7.4469, -37.0622



47.3676, 30.3210, 11.9300



47.3676, -24.3470, 17.7775

Complementary

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



47.3668, -7.4474, -37.0632



46.6345, 26.7648, 26.2973

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.



47.3676, -13.0795, 22.7833



47.3668, -7.4474, -37.0632



47.3676, 18.8755, 20.2823

Square

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



47.3676, -7.4469, -37.0622



47.3676, 32.3628, -2.4508



47.3676, 2.5961, 23.5128



47.3676, -29.5570, 7.1101

Rectangle

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



47.3668, -7.4474, -37.0632



47.3676, 19.5991, -25.8715



47.3676, 2.5961, 23.5128



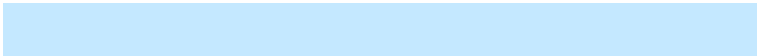
47.3676, -21.2199, 20.0037

Sweetspot

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



47.3676, -7.4469, -37.0622



87.6352, -11.1804, -10.2026



64.3481, -47.7994, 27.2220



39.6897, -5.4669, -5.8892

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3676, -7.4469, -37.0622



57.4679, -3.9614, -62.2653



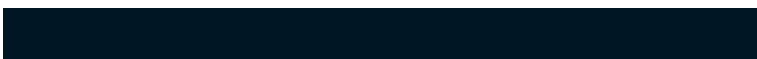
28.0718, 31.9000, -93.7122



33.6850, -2.8507, -0.2697



34.1929, -1.6365, -39.2054



8.3149, -1.7396, -6.6377

Inverse Universe

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



39.2496, 60.4985, -10.5074



49.1983, 87.6979, -9.1211



66.5578, -10.3014, 38.7952



32.7779, 2.0042, 0.4004



29.5301, 53.6615, -4.8739



6.5331, 12.0624, -2.5559

Previews

White Background



This preview shows how the HunterLab color 47.3668, -7.4474, -37.0632 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 47.3668, -7.4474, -37.0632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

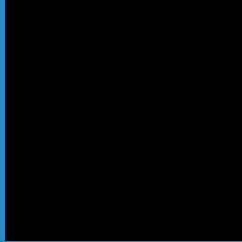
Any Text WCAG AA ✓ Pass

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 47.3668, -7.4474, -37.0632 Background



This preview shows how black text looks on a background with the HunterLab color 47.3668, -7.4474, -37.0632.

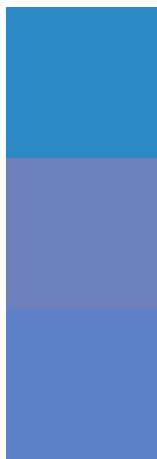


This preview shows how white text looks on a background with the HunterLab color 47.3668, -7.4474, -37.0632.

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

47.3668, -7.4474, -37.0632

Protanopia

47.0150, 5.3559, -31.6498

Deuteranopia

47.1773, 4.0025, -38.7653



Tritanopia

47.2367, -22.6198, -10.2121

Trichromacy



Original Color

47.3668, -7.4474, -37.0632

Protanomaly

46.8718, -0.6164, -34.2101

Deuteranomaly

47.0279, -0.9785, -38.3952

Tritanomaly

46.9704, -17.6155, -19.3704

Monochromacy



Original Color

47.3668, -7.4474, -37.0632

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.1086, -7.3737, -10.4092

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3668, -7.4474, -37.0632 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(43, 137, 197)` looks like.

```
.text, #text, p{  
    color:rgb(43, 137, 197)  
}
```

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(43, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 137, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3668, -7.4474, -37.0632 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(43, 137, 197) }
```


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

```
.border{ border-color:rgb(43, 137, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 137, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 137, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 137, 197);  
box-shadow:4px 4px 4px 4px rgb(43, 137,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3668, -7.4474, -37.0632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 137, 197) }
```

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

```
.background{ background-color: rgb(43, 137,  
197) }
```

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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