

Converting Colors

HunterLab(47.0000, -7.6797,
-31.9070)

Have a look what the booklet for
HunterLab(47.0000, -7.6797,
-31.9070) contains.

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Color

**HunterLab(47.0662, -7.7410,
-31.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	3988BD
RGB	57, 136, 189
RGB Percent	22%, 53%, 74%
CMY	0.7764, 0.4667, 0.2588
CMYK	0.70, 0.28, 0.00, 0.26
HSL	204°, 54%, 48%
HSV	204°, 70%, 74%
XYZ	19.6768, 22.1523, 51.3828
YIQ	118.4210, -64.0970, -0.2650

Conversions

Conversions Part 2

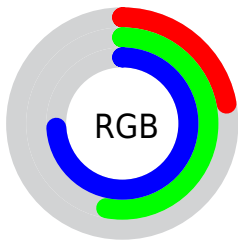
Format	Color
R _Y B	57, 106, 189
Decimal	3770557
CIE Lab	54.19, -6.75, -34.69
CIE LCh	54, 35.345, 258.990
Yxy	22.1530, 0.2111, 0.2377
Android (android.graphics.Color)	4281960637 (0xFF3988BD)
YUV	118.4210, 34.7954, -53.8662
Hunter-Lab	47.0662, -7.7410, -31.7814

Details

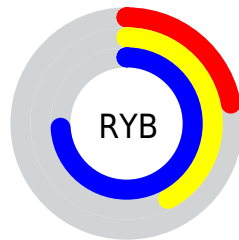
The HunterLab color $47.0662, -7.7410, -31.7814$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $47.1889, 20.6937, 24.5749$, and the grayscale version is $42.6151, -2.2738, 2.3154$.

A 20% lighter version of the original color is $68.5354, -9.4024, -33.3605$, and $28.9911, -3.3192, -29.0712$ is the 20% darker color. If you saturate the color by 10%, you get $44.3108, -5.9929, -37.2205$, and if you desaturate by 10%, it is $50.0296, -8.8087, -26.3822$.

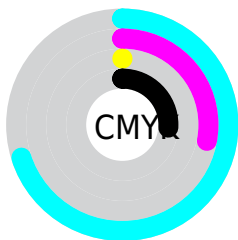
Distribution



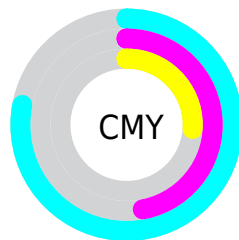
- Red (22%)
- Green (53%)
- Blue (74%)



- Red (22%)
- Yellow (42%)
- Blue (74%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (26%)



- Cyan (78%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0662, -7.7410, -31.7814 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 47.0662, -7.7410, -31.7814 by changing the saturation by 10% instead.

■ 47.0662, -7.7410,
-31.7814

■ 47.0662, -7.7410,
-31.7814

162.2789,
-16.6638, -35.8147

■ 37.3756, -6.8184,
-31.1589

■ 68.5557, -9.6160,
-32.9938

■ 28.4594, -5.9004,
-30.5946

■ 80.2681, -10.5740,
-33.5452

■ 20.3927, -4.9783,
-30.2195

■ 92.5807, -11.5473,
-34.0490

■ 13.2766, -4.0359,
-30.3796

■ 105.4654,
-12.5368, -34.5025

■ 6.8099, -4.6831,
-35.0191

■ 118.8980,
-13.5429, -34.9052

0.0000, NaN, -NF

132.8568,

0.0000, NaN, -NF

-14.5660, -35.2575

0.0000, NaN, NaN

147.3229,
-15.6063, -35.5602

0.0000, NaN, NaN

■ 47.0662, -7.7410,
-31.7814

■ 47.0662, -7.7410,
-31.7814

■ 44.3108, -5.9929,
-37.2205

■ 50.0296, -8.8087,
-26.3822

■ 41.7692, -3.5493,
-42.6638

■ 53.1863, -9.2389,
-21.0582

■ 39.4193, -0.5142,
-48.1325

■ 56.5233, -9.0856,
-15.8309

■ 39.3817, -0.4631,
-48.2239

■ 60.0263, -8.4070,
-10.7133

■ 63.6818, -7.2606,
-5.7110

■ 67.4772, -5.6995,
-0.8236

■ 71.4012, -3.7722,
3.9528

■ 75.4433, -1.5213,
8.6249

■ 79.5942, 1.0158,
13.2003

Harmonies

Analogous

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



47.0670, -19.5072, -22.2814



47.0662, -7.7410, -31.7814



47.0670, 6.9439, -30.2058

Triad

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



47.0670, -7.7407, -31.7804



47.0670, 26.9818, 10.4281



47.0670, -21.8261, 16.8980

Complementary

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



47.0662, -7.7410, -31.7814



47.1889, 20.6937, 24.5749

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.



47.0670, -11.2793, 21.4242



47.0662, -7.7410, -31.7814



47.0670, 17.2953, 18.5497

Square

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



47.0670, -7.7407, -31.7804



47.0670, 28.2296, -2.8116



47.0670, 2.9514, 21.9194



47.0670, -26.9563, 7.3683

Rectangle

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



47.0662, -7.7410, -31.7814



47.0670, 16.4216, -23.1849



47.0670, 2.9514, 21.9194



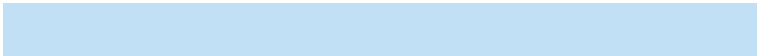
47.0670, -18.8606, 18.9133

Sweetspot

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



47.0670, -7.7407, -31.7804



84.4782, -9.9837, -8.6365



61.9574, -43.0568, 23.3604



38.5440, -4.8421, -4.8571



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



47.0670, -7.7407, -31.7804



57.3912, -6.3338, -53.8256



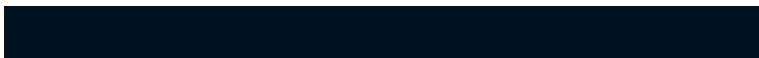
29.9175, 25.6632, -76.5276



31.8578, -2.6432, -0.2775



32.5389, -0.7799, -38.9873



7.3462, -1.5936, -5.7419

Inverse Universe

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



39.4000, 52.8922, -9.8480



48.4309, 80.5839, -10.7257



64.8747, -11.1446, 36.2417



31.0317, 1.8552, 0.4324



28.4579, 51.6139, -3.9276



5.7432, 10.6137, -2.3227

Previews

White Background



This preview shows how the HunterLab color 47.0662, -7.7410, -31.7814 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 47.0662, -7.7410, -31.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

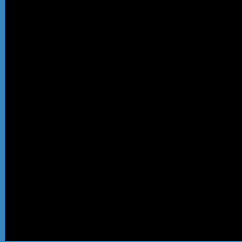
Any Text WCAG AA ✓ Pass

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 47.0662, -7.7410, -31.7814 Background



This preview shows how black text looks on a background with the HunterLab color 47.0662, -7.7410, -31.7814.

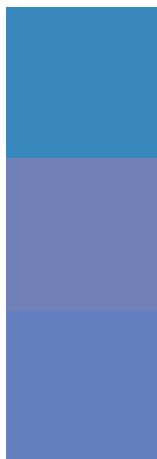


This preview shows how white text looks on a background with the HunterLab color 47.0662, -7.7410, -31.7814.

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

47.0662, -7.7410, -31.7814

Protanopia

46.9051, 4.3591, -26.9624

Deuteranopia

46.9305, 3.8407, -33.2856



Tritanopia

47.1904, -21.2292, -9.7036

Trichromacy



Original Color

47.0662, -7.7410, -31.7814

Protanomaly

46.6298, -0.6270, -29.6387

Deuteranomaly

46.8281, -0.9547, -32.8407

Tritanomaly

46.9013, -16.5090, -17.6048

Monochromacy



Original Color

47.0662, -7.7410, -31.7814

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.7809, -6.5245, -8.8692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0662, -7.7410, -31.7814 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(57, 136, 189)` looks like.

```
.text, #text, p{  
    color:rgb(57, 136, 189)  
}
```

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(57, 136, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 136, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0662, -7.7410, -31.7814 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(57, 136, 189) }
```


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

```
.border{ border-color:rgb(57, 136, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 136, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 136, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 136, 189);  
box-shadow:4px 4px 4px 4px rgb(57, 136,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0662, -7.7410, -31.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 136, 189) }
```

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

```
.background{ background-color: rgb(57, 136,  
189) }
```

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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