

Converting Colors

HunterLab(47.8031, -3.6208,
-31.7640)

Have a look what the booklet for
HunterLab(47.8031, -3.6208,
-31.7640) contains.

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Color

**HunterLab(47.7441, -3.6334,
-31.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	5087BF
RGB	80, 135, 191
RGB Percent	31%, 53%, 75%
CMY	0.6863, 0.4706, 0.2510
CMYK	0.58, 0.29, 0.00, 0.25
HSL	210°, 46%, 53%
HSV	210°, 58%, 75%
XYZ	21.3762, 22.7950, 52.5634
YIQ	124.9390, -50.7560, 5.7560

Conversions

Conversions Part 2

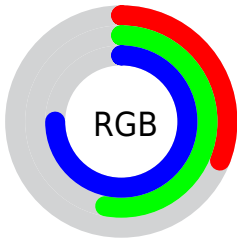
Format	Color
R_{YB}	80, 117, 191
Decimal	5277631
CIE _{Lab}	54.86, -1.37, -34.72
CIE _{LCh}	55, 34.746, 267.744
Yxy	22.7958, 0.2210, 0.2356
Android (android.graphics.Color)	4283467711 (0xFF5087BF)
YUV	124.9390, 32.5681, -39.4115
Hunter-Lab	47.7441, -3.6334, -31.8539

Details

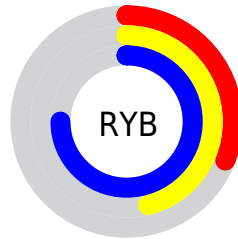
The HunterLab color $47.7441, -3.6334, -31.8539$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $54.0974, 10.0557, 25.1915$, and the grayscale version is $45.1539, -2.4093, 2.4533$.

A 20% lighter version of the original color is $69.3268, -4.8320, -33.3156$, and $29.1112, -2.6996, -30.3108$ is the 20% darker color. If you saturate the color by 10%, you get $44.1709, -1.7192, -38.9744$, and if you desaturate by 10%, it is $51.5370, -4.8782, -25.0343$.

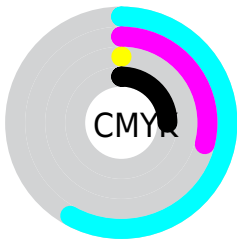
Distribution



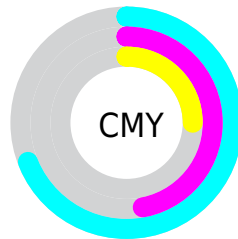
- Red (31%)
- Green (53%)
- Blue (75%)



- Red (31%)
- Yellow (46%)
- Blue (75%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7441, -3.6334, -31.8539 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 47.7441, -3.6334, -31.8539 by changing the saturation by 10% instead.

■ 47.7441, -3.6334,
-31.8539

■ 47.7441, -3.6334,
-31.8539

163.3017,
-10.3581, -35.8652

■ 38.0037, -3.0329,
-31.2300

■ 69.3237, -4.9303,
-33.0633

■ 29.0332, -2.4667,
-30.6590

■ 81.0775, -5.6244,
-33.6121

■ 20.9066, -1.9364,
-30.2649

■ 93.4294, -6.3471,
-34.1131

■ 13.7226, -1.4436,
-30.3705

■ 106.3517, -7.0975,
-34.5638

■ 7.3361, -1.2041,
-33.7160

119.8203, -7.8746,
-34.9637

0.0000, NaN, -NF

0.0000, NaN, -NF

133.8138, -8.6776,

-35.3132

0.0000, NaN, NaN

148.3133, -9.5057,
-35.6132

0.0000, NaN, NaN

■ 47.7441, -3.6334,
-31.8539

■ 47.7441, -3.6334,
-31.8539

■ 44.1709, -1.7192,
-38.9744

■ 51.5370, -4.8782,
-25.0343

■ 40.8390, 0.9353,
-46.3790

■ 55.5243, -5.5321,
-18.5166

■ 37.7724, 4.3784,
-54.0179

■ 59.6865, -5.6704,
-12.2839

■ 34.9774, 8.5711,
-61.8492

■ 64.0058, -5.3614,
-6.3128

■ 34.4687, 9.4030,
-63.3812

■ 68.4667, -4.6651,
-0.5770

■ 73.0558, -3.6329,
4.9502

■ 77.7617, -2.3085,
10.2940

■ 82.5746, -0.7288,
15.4778

■ 87.4860, 1.0751,
20.5226

Harmonies

Analogous

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



47.7449, -16.4263, -25.4177



47.7441, -3.6334, -31.8539



47.7449, 11.0128, -27.0248

Triad

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



47.7449, -3.6332, -31.8529



47.7449, 24.4621, 13.2918



47.7449, -23.7515, 14.6113

Complementary

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



47.7441, -3.6334, -31.8539



54.0974, 10.0557, 25.1915

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.



47.7449, -14.7499, 20.5064



47.7441, -3.6334, -31.8539



47.7449, 13.1175, 19.9182

Square

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



47.7449, -3.6332, -31.8529



47.7449, 28.3319, 1.5523



47.7449, -1.4573, 22.1160



47.7449, -27.1522, 3.6223

Rectangle

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



47.7441, -3.6334, -31.8539



47.7449, 19.6822, -18.6819



47.7449, -1.4573, 22.1160



47.7449, -21.3368, 17.1161

Sweetspot

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



47.7449, -3.6332, -31.8529



86.1541, -7.1155, -7.7892



63.8209, -37.9932, 17.1937



39.8126, -3.3987, -4.3963



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



47.7449, -3.6332, -31.8529



57.7418, -1.3444, -55.0895



33.4745, 24.5083, -66.2475



31.5992, -2.2196, -0.5920



28.2289, 7.0570, -50.5177



6.6563, -0.5144, -7.2095

Inverse Universe

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



43.0859, 43.6184, -4.2303



52.2501, 70.1125, -4.3127



69.9412, -16.3167, 36.3772



31.0050, 1.7119, 0.8124



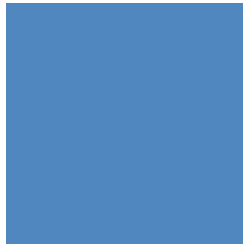
27.9895, 49.9154, 2.7187



5.6576, 10.3066, -1.1331

Previews

White Background



This preview shows how the HunterLab color 47.7441, -3.6334, -31.8539 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 47.7441, -3.6334, -31.8539 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 47.7441, -3.6334, -31.8539 Background



This preview shows how black text looks on a background with the HunterLab color 47.7441, -3.6334, -31.8539.



This preview shows how white text looks on a background with the HunterLab color 47.7441, -3.6334, -31.8539.

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

47.7441, -3.6334, -31.8539

Protanopia

47.7037, 4.5390, -28.2630

Deuteranopia

47.6593, 3.5104, -32.6103



Tritanopia

47.7170, -17.5913, -8.8916

Trichromacy



Original Color

47.7441, -3.6334, -31.8539

Protanomaly

47.5711, 1.4027, -29.9596

Deuteranomaly

47.6877, 0.7101, -32.6048

Tritanomaly

47.4946, -12.7091, -16.5954

Monochromacy



Original Color

47.7441, -3.6334, -31.8539

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.9583, -4.3724, -8.4392

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7441, -3.6334, -31.8539 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(80, 135, 191)` looks like.

```
.text, #text, p{  
    color:rgb(80, 135, 191)  
}
```

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(80, 135, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 135, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7441, -3.6334, -31.8539 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(80, 135, 191) }
```


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

```
.border{ border-color:rgb(80, 135, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 135, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 135, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 135, 191);  
box-shadow:4px 4px 4px 4px rgb(80, 135,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7441, -3.6334, -31.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 135, 191) }
```

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

```
.background{ background-color: rgb(80, 135,  
191) }
```

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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