

Converting Colors

HunterLab(36.7456, 1.8502,
-47.9500)

Have a look what the booklet for
HunterLab(36.7456, 1.8502,
-47.9500) contains.

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Color

**HunterLab(36.8347, 1.6458,
-47.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	1269B5
RGB	18, 105, 181
RGB Percent	7%, 41%, 71%
CMY	0.9293, 0.5882, 0.2902
CMYK	0.90, 0.42, 0.00, 0.29
HSL	208°, 82%, 39%
HSV	208°, 90%, 71%
XYZ	13.6415, 13.5680, 45.6159
YIQ	87.6510, -76.2480, 5.1920

Conversions

Conversions Part 2

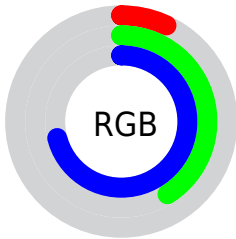
Format	Color
R_{YB}	18, 75, 181
Decimal	1206709
CIE _{Lab}	43.61, 4.86, -46.88
CIE _{LCh}	44, 47.132, 275.919
Yxy	13.5684, 0.1873, 0.1863
Android (android.graphics.Color)	4279396789 (0xFF1269B5)
YUV	87.6510, 46.0211, -61.0839
Hunter-Lab	36.8347, 1.6458, -47.6402

Details

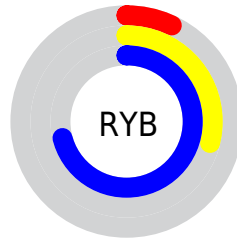
The HunterLab color **36.8347, 1.6458, -47.6402** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42.2816, 23.8258, 25.6669**, and the grayscale version is **30.9702, -1.6525, 1.6827**.

A 20% lighter version of the original color is **56.9018, 0.8003, -48.4068**, and **21.5876, 6.8288, -41.7241** is the 20% darker color. If you saturate the color by 10%, you get **34.3672, 5.1862, -54.1514**, and if you desaturate by 10%, it is **39.5253, -1.3062, -41.2444**.

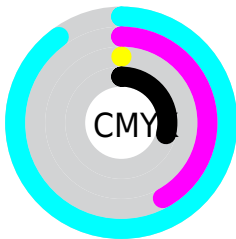
Distribution



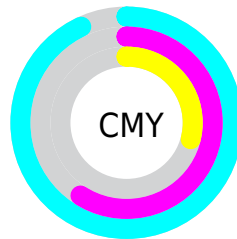
- Red (7%)
- Green (41%)
- Blue (71%)



- Red (7%)
- Yellow (29%)
- Blue (71%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (59%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8347, 1.6458, -47.6402 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 36.8347, 1.6458, -47.6402 by changing the saturation by 10% instead.

■ 36.8347, 1.6458,
-47.6402

■ 36.8347, 1.6458,
-47.6402

■ 146.4680, -2.1619,
-53.5208

■ 27.9662, 1.8158,
-47.4105

■ 56.8517, 1.1204,
-48.8209

■ 19.9516, 1.9084,
-47.8193

■ 67.8936, 0.7771,
-49.5362

■ 12.8948, 1.9072,
-49.7442

■ 79.5702, 0.3868,
-50.2646

■ 6.3195, 3.0137,
-62.6533

■ 91.8487, -0.0469,
-50.9814

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.7009, -0.5209,
-51.6721

0.0000, NaN, -NF

■ 118.1022, -1.0327,

0.0000, NaN, NaN

-52.3285

0.0000, NaN, NaN

132.0310, -1.5803,
-52.9456

■ 36.8347, 1.6458,
-47.6402

■ 36.8347, 1.6458,
-47.6402

■ 34.3672, 5.1862,
-54.1514

■ 39.5253, -1.3062,
-41.2444

■ 42.4462, -3.5515,
-34.9713

■ 45.5824, -5.1194,
-28.8647

■ 48.9161, -6.0646,
-22.9518

■ 52.4291, -6.4511,
-17.2435

■ 56.1044, -6.3437,
-11.7383

■ 59.9267, -5.8030,
-6.4269

■ 63.8823, -4.8835,
-1.2952

■ 67.9592, -3.6329,
3.6729

Harmonies

Analogous

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



36.8352, -14.9765, -42.1160



36.8347, 1.6458, -47.6402



36.8352, 20.4578, -35.5496

Triad

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



36.8352, 1.6466, -47.6393



36.8352, 30.2283, 16.4974



36.8352, -28.4017, 13.0123

Complementary

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



36.8347, 1.6458, -47.6402



42.2816, 23.8258, 25.6669

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.



36.8352, -20.0501, 19.8784



36.8347, 1.6458, -47.6402



36.8352, 13.1425, 21.1136

Square

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



36.8352, 1.6466, -47.6393



36.8352, 38.8636, 5.2217



36.8352, -5.4473, 21.9599



36.8352, -30.3143, -1.5308

Rectangle

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



36.8347, 1.6458, -47.6402



36.8352, 31.0653, -21.4435



36.8352, -5.4473, 21.9599



36.8352, -26.3441, 16.0306

Sweetspot

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



36.8352, 1.6466, -47.6393



76.3900, -8.3547, -13.8434



58.2567, -44.7195, 24.9576



34.7302, -3.9618, -7.5577



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



36.8352, 1.6466, -47.6393



45.4896, 7.8847, -73.8788



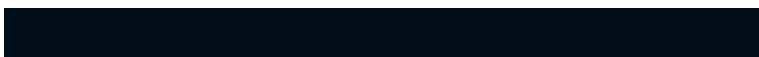
20.5220, 42.0524, -112.9186



29.9266, -2.2397, -0.4324



28.7788, 3.8525, -44.2874



6.1320, -1.0452, -5.4082

Inverse Universe

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



33.5815, 57.2295, -1.9016



43.6806, 78.2057, 1.8584



63.0063, -13.7085, 38.0447



29.2892, 1.6408, 0.6419



27.1592, 48.7345, 0.3131



4.9370, 9.0756, -1.6228

Previews

White Background



This preview shows how the HunterLab color 36.8347, 1.6458, -47.6402 looks on a white 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

Black Background



This preview shows how the HunterLab color 36.8347, 1.6458, -47.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

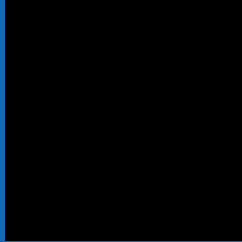
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.8347, 1.6458, -47.6402 Background



This preview shows how black text looks on a background with the HunterLab color 36.8347, 1.6458, -47.6402.



This preview shows how white text looks on a background with the HunterLab color 36.8347, 1.6458, -47.6402.

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

36.8347, 1.6458, -47.6402

Protanopia

36.7616, 7.7628, -43.4574

Deuteranopia

36.8241, 3.0235, -47.6428



Tritanopia

36.6603, -17.7529, -7.4988

Trichromacy



Original Color

36.8347, 1.6458, -47.6402

Protanomaly

36.5995, 4.7313, -45.5970

Deuteranomaly

36.7202, 2.6754, -47.9123

Tritanomaly

36.6022, -11.7264, -19.7455

Monochromacy



Original Color

36.8347, 1.6458, -47.6402

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.3532, -3.8434, -13.8736

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8347, 1.6458, -47.6402 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(18, 105, 181)` looks like.

```
.text, #text, p{  
    color:rgb(18, 105, 181)  
}
```

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(18, 105, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 105, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8347, 1.6458, -47.6402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

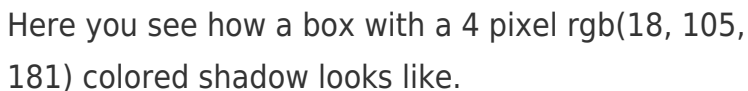
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 105, 181) }
```


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

```
.border{ border-color:rgb(18, 105, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(18, 105, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(18, 105, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(18, 105, 181); box-shadow:4px 4px 4px 4px rgb(18, 105, 181) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8347, 1.6458, -47.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 105, 181) }
```

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

```
.background{ background-color: rgb(18, 105,  
181) }
```

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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