

Converting Colors

HunterLab(37.6070, 1.4129,
-45.7233)

Have a look what the booklet for
HunterLab(37.6070, 1.4129,
-45.7233) contains.

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Color

**HunterLab(37.6070, 1.4129,
-45.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6BB5
RGB	31, 107, 181
RGB Percent	12%, 42%, 71%
CMY	0.8784, 0.5804, 0.2902
CMYK	0.83, 0.41, 0.00, 0.29
HSL	210°, 71%, 42%
HSV	210°, 83%, 71%
XYZ	14.1632, 14.1429, 45.6994
YIQ	92.7120, -69.0500, 6.9020

Conversions

Conversions Part 2

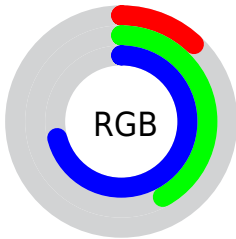
Format	Color
R_{YB}	31, 81, 181
Decimal	2059189
CIE _{Lab}	44.44, 4.58, -45.54
CIE _{LCh}	44, 45.770, 275.739
Yxy	14.1433, 0.1914, 0.1911
Android (android.graphics.Color)	4280249269 (0xFF1F6BB5)
YUV	92.7120, 43.5260, -54.1214
Hunter-Lab	37.6070, 1.4129, -45.7233

Details

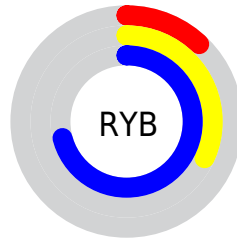
The HunterLab color **37.6070, 1.4129, -45.7233** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44.7535, 18.8282, 26.1879**, and the grayscale version is **32.8421, -1.7524, 1.7844**.

A 20% lighter version of the original color is **57.7363, 0.6138, -46.6892**, and **22.1269, 6.1715, -40.9793** is the 20% darker color. If you saturate the color by 10%, you get **34.8851, 4.8530, -52.7183**, and if you desaturate by 10%, it is **40.5794, -1.2928, -38.8911**.

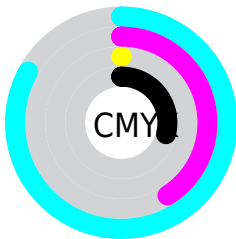
Distribution



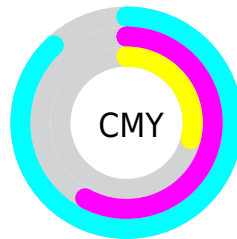
- Red (12%)
- Green (42%)
- Blue (71%)



- Red (12%)
- Yellow (32%)
- Blue (71%)



- Cyan (83%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (88%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6070, 1.4129, -45.7233 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 37.6070, 1.4129, -45.7233 by changing the saturation by 10% instead.

■ 37.6070, 1.4129,
-45.7233

■ 37.6070, 1.4129,
-45.7233

■ 147.6890, -2.5451,
-51.5149

■ 28.6712, 1.6059,
-45.4048

■ 57.7435, 0.8469,
-46.9578

■ 20.5823, 1.7243,
-45.6271

■ 68.8395, 0.4854,
-47.6707

■ 13.4410, 1.7528,
-47.1312

■ 80.5672, 0.0780,
-48.3865

■ 7.0092, 2.4709,
-55.7761

■ 92.8943, -0.3719,
-49.0841

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.7930, -0.8613,
-49.7514

0.0000, NaN, -NF

■ 119.2389, -1.3880,

0.0000, NaN, NaN

-50.3812

0.0000, NaN, NaN

133.2106, -1.9498,
-50.9698

■ 37.6070, 1.4129,
-45.7233

■ 37.6070, 1.4129,
-45.7233

■ 34.8851, 4.8530,
-52.7183

■ 40.5794, -1.2928,
-38.8911

■ 33.0734, 7.6513,
-57.8558

■ 43.7826, -3.2912,
-32.2793

■ 47.1962, -4.6380,
-25.9176

■ 50.7993, -5.4019,
-19.8155

■ 54.5728, -5.6528,
-13.9666

■ 58.4995, -5.4563,
-8.3554

■ 62.5644, -4.8709,
-2.9617

■ 66.7545, -3.9476,
2.2367

■ 71.0584, -2.7300,
7.2618

Harmonies

Analogous

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



37.6076, -14.8537, -40.3577



37.6070, 1.4129, -45.7233



37.6076, 19.7194, -34.2784

Triad

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



37.6076, 1.4137, -45.7224



37.6076, 29.3667, 16.3492



37.6076, -28.0201, 12.9626

Complementary

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



37.6070, 1.4129, -45.7233



44.7535, 18.8282, 26.1879

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.



37.6076, -19.7051, 19.8566



37.6070, 1.4129, -45.7233



37.6076, 12.8315, 21.0929

Square

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



37.6076, 1.4137, -45.7224



37.6076, 37.6437, 5.1077



37.6076, -5.3128, 21.9936



37.6076, -29.9618, -1.2945

Rectangle

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



37.6070, 1.4129, -45.7233



37.6076, 30.0177, -20.7837



37.6076, -5.3128, 21.9936



37.6076, -25.9629, 15.9709

Sweetspot

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



37.6076, 1.4137, -45.7224



76.9286, -7.4215, -13.0697



58.5909, -42.9339, 22.2312



34.9180, -3.4994, -7.2786



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.



37.6076, 1.4137, -45.7224



44.0748, 10.6913, -77.9770



21.7812, 39.4440, -104.8872



29.8630, -2.1353, -0.5098



27.7125, 5.8646, -47.2982



5.9845, -0.8149, -5.7210

Inverse Universe

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



34.4472, 54.7566, -1.7571



43.5906, 77.4615, 4.0425



64.7791, -16.0276, 38.4486



29.2826, 1.6056, 0.7352



27.0470, 48.3268, 1.9119



4.9187, 9.0099, -1.3682

Previews

White Background



This preview shows how the HunterLab color 37.6070, 1.4129, -45.7233 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 37.6070, 1.4129, -45.7233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

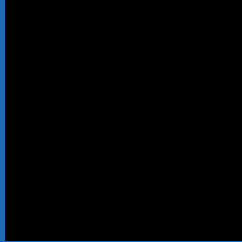
Any Text WCAG AA × Fail

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 37.6070, 1.4129, -45.7233 Background



This preview shows how black text looks on a background with the HunterLab color 37.6070, 1.4129, -45.7233.



This preview shows how white text looks on a background with the HunterLab color 37.6070, 1.4129, -45.7233.

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

37.6070, 1.4129, -45.7233

Protanopia

37.4884, 7.4149, -41.7313

Deuteranopia

37.6269, 2.8963, -45.6486

Trichromacy



Original Color

37.6070, 1.4129, -45.7233

Protanomaly

37.4360, 4.7271, -43.5570

Deuteranomaly

37.5175, 2.5293, -45.9235

Monochromacy



Original Color

37.6070, 1.4129, -45.7233

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.9384, -3.6666, -13.0467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6070, 1.4129, -45.7233 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(31, 107, 181)` looks like.

```
.text, #text, p{  
    color:rgb(31, 107, 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(31, 107, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 107, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6070, 1.4129, -45.7233 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(31, 107, 181) }
```

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

```
.border{ border-color:rgb(31, 107, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 107, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 107, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 107, 181);  
box-shadow:4px 4px 4px 4px rgb(31, 107,  
181) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.6070, 1.4129, -45.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 107, 181) }
```

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

```
.background{ background-color: rgb(31, 107,  
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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