

Converting Colors

HunterLab(37.2121, -0.6849,
-40.8848)

Have a look what the booklet for
HunterLab(37.2121, -0.6849,
-40.8848) contains.

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Color

HunterLab(37.2121, -0.6849,
-40.8848)

Conversions

Conversions Part 1

Format	Color
Hex	1E6BAE
RGB	30, 107, 174
RGB Percent	12%, 42%, 68%
CMY	0.8823, 0.5804, 0.3176
CMYK	0.83, 0.39, 0.00, 0.32
HSL	208°, 71%, 40%
HSV	208°, 83%, 68%
XYZ	13.4331, 13.8474, 42.0092
YIQ	91.6150, -67.3990, 4.5130

Conversions

Conversions Part 2

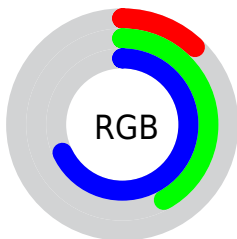
Format	Color
RYB	30, 80, 174
Decimal	1993646
CIELab	44.01, 1.77, -42.13
CIELCh	44, 42.164, 272.403
Yxy	13.8478, 0.1939, 0.1999
Android (android.graphics.Color)	4280183726 (0xFF1E6BAE)
YUV	91.6150, 40.6158, -54.0364
Hunter-Lab	37.2121, -0.6849, -40.8848

Details

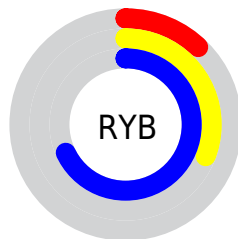
The HunterLab color $37.2121, -0.6849, -40.8848$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.0053, 19.8352, 24.4957$, and the grayscale version is $32.4461, -1.7312, 1.7629$.

A 20% lighter version of the original color is $57.2883, -1.6222, -42.2062$, and $21.4760, 4.5322, -36.6270$ is the 20% darker color. If you saturate the color by 10%, you get $34.7048, 2.2892, -46.9877$, and if you desaturate by 10%, it is $39.9424, -2.9842, -34.8818$.

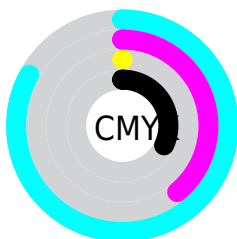
Distribution



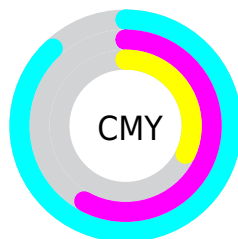
- Red (12%)
- Green (42%)
- Blue (68%)



- Red (12%)
- Yellow (31%)
- Blue (68%)



- Cyan (83%)
- Magenta (39%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2121, -0.6849, -40.8848 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 37.2121, -0.6849, -40.8848 by changing the saturation by 10% instead.

■ 37.2121, -0.6849, -40.8848

■ 37.2121, -0.6849, -40.8848

■ 147.0653, -5.8027, -46.3517

■ 28.3106, -0.3207, -40.4622

■ 57.2877, -1.5574, -42.1611

■ 20.2595, -0.0142, -40.4644

■ 68.3561, -2.0584, -42.8514

■ 13.1612, 0.2250, -41.5104

■ 80.0578, -2.5980, -43.5285

■ 6.6661, 0.7996, -49.8145

■ 92.3601, -3.1739, -44.1764

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.2351, -3.7839, -44.7864

0.0000, NaN, NaN

■ 118.6582, -4.4264,

0.0000, NaN, NaN

-45.3536

0.0000, NaN, NaN

132.6080, -5.0997,
-45.8757

■ 37.2121, -0.6849,
-40.8848

■ 37.2121, -0.6849,
-40.8848

■ 34.7048, 2.2892,
-46.9877

■ 39.9424, -2.9842,
-34.8818

■ 33.0013, 4.7606,
-51.5256

■ 42.8808, -4.6302,
-29.0268

■ 46.0111, -5.6695,
-23.3491

■ 49.3163, -6.1615,
-17.8628

■ 52.7799, -6.1678,
-12.5693

■ 56.3869, -5.7471,
-7.4618

■ 60.1240, -4.9527,
-2.5278

■ 63.9794, -3.8315,
2.2471

■ 67.9429, -2.4244,
6.8788

Harmonies

Analogous

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



37.2127, -15.2364, -34.5316



37.2121, -0.6849, -40.8848



37.2127, 16.0431, -32.2788

Triad

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



37.2127, -0.6842, -40.8839



37.2127, 27.8295, 14.5767



37.2127, -25.5855, 13.2237

Complementary

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



37.2121, -0.6849, -40.8848



42.0053, 19.8352, 24.4957

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.



37.2127, -17.1282, 19.2685



37.2121, -0.6849, -40.8848



37.2127, 13.4210, 19.7847

Square

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



37.2127, -0.6842, -40.8839



37.2127, 34.1535, 3.2361



37.2127, -3.2732, 21.0428



37.2127, -28.0821, 0.7730

Rectangle

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



37.2121, -0.6849, -40.8848



37.2127, 25.7682, -20.7155



37.2127, -3.2732, 21.0428



37.2127, -23.4253, 15.8577

Sweetspot

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



37.2127, -0.6842, -40.8839



74.6166, -7.9452, -11.8776



56.0101, -41.5172, 22.3743



34.3869, -3.8432, -6.7144



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



37.2127, -0.6842, -40.8839



44.2447, 6.8727, -69.9531



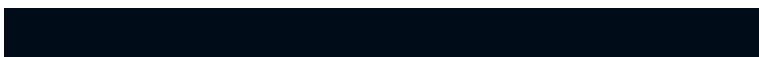
21.6071, 35.2499, -95.9514



29.0511, -2.1753, -0.4083



28.3177, 3.6613, -43.2984



5.7552, -1.1102, -4.7970

Inverse Universe

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



33.1505, 52.7693, -3.5275



42.1748, 75.2807, 1.2375



60.5452, -13.1664, 35.8734



28.4328, 1.5806, 0.6236



26.6694, 47.8684, 0.2078



4.5693, 8.4205, -1.6640

Previews

White Background



This preview shows how the HunterLab color 37.2121, -0.6849, -40.8848 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 37.2121, -0.6849, -40.8848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

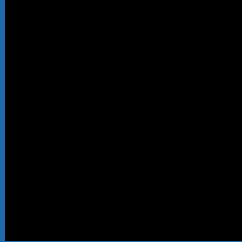
Any Text WCAG AA × Fail

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 37.2121, -0.6849, -40.8848 Background



This preview shows how black text looks on a background with the HunterLab color 37.2121, -0.6849, -40.8848.



This preview shows how white text looks on a background with the HunterLab color 37.2121, -0.6849, -40.8848.

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

37.2121, -0.6849, -40.8848

Protanopia

37.0806, 6.7180, -37.0518

Deuteranopia

37.1215, 3.3643, -41.8449



Tritanopia

37.0361, -17.7310, -8.0156

Trichromacy



Original Color

37.2121, -0.6849, -40.8848

Protanomaly

36.8801, 3.5316, -39.1522

Deuteranomaly

37.0893, 1.8537, -41.9473

Tritanomaly

36.8951, -12.2446, -18.6045

Monochromacy



Original Color

37.2121, -0.6849, -40.8848

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.4959, -4.0391, -12.0218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2121, -0.6849, -40.8848 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(30, 107, 174)` looks like.

```
.text, #text, p{  
    color:rgb(30, 107, 174)  
}
```

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(30, 107, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 107, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2121, -0.6849, -40.8848 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(30, 107, 174) }
```


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

```
.border{ border-color:rgb(30, 107, 174) }
```

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

Here you see how a box with a 4 pixel rgb(30, 107, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 107, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 107, 174);  
box-shadow:4px 4px 4px 4px rgb(30, 107,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2121, -0.6849, -40.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 107, 174) }
```

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

```
.background{ background-color: rgb(30, 107,  
174) }
```

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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