

Converting Colors

HunterLab(30.0402, 2.0506,
-40.0834)

Have a look what the booklet for
HunterLab(30.0402, 2.0506,
-40.0834) contains.

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Color

**HunterLab(30.0402, 2.0506,
-40.0834)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5698
RGB	15, 86, 152
RGB Percent	6%, 34%, 60%
CMY	0.9411, 0.6627, 0.4039
CMYK	0.90, 0.43, 0.00, 0.40
HSL	209°, 82%, 33%
HSV	209°, 90%, 60%
XYZ	9.1923, 9.0241, 30.9631
YIQ	72.2950, -63.5020, 5.4740

Conversions

Conversions Part 2

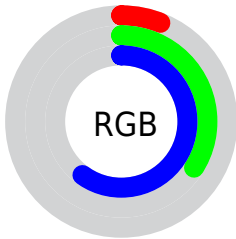
Format	Color
R_{YB}	15, 62, 152
Decimal	1005208
CIE _{Lab}	36.03, 5.24, -41.81
CIE _{LCh}	36, 42.138, 277.142
Yxy	9.0244, 0.1869, 0.1835
Android (android.graphics.Color)	4279195288 (0xFF0F5698)
YUV	72.2950, 39.2946, -50.2477
Hunter-Lab	30.0402, 2.0506, -40.0834

Details

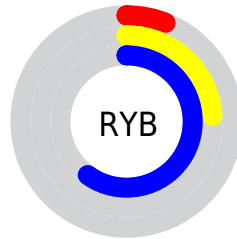
The HunterLab color **30.0402, 2.0506, -40.0834** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **35.4931, 18.2485, 21.4341**, and the grayscale version is **25.4444, -1.3577, 1.3824**.

A 20% lighter version of the original color is **48.8954, 1.8695, -41.4190**, and **16.0500, 6.7029, -34.5307** is the 20% darker color. If you saturate the color by 10%, you get **27.9733, 4.9450, -45.6389**, and if you desaturate by 10%, it is **32.2987, -0.4161, -34.6355**.

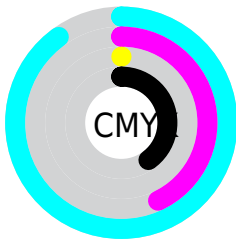
Distribution



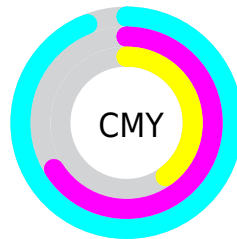
- Red (6%)
- Green (34%)
- Blue (60%)



- Red (6%)
- Yellow (24%)
- Blue (60%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0402, 2.0506, -40.0834 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 30.0402, 2.0506, -40.0834 by changing the saturation by 10% instead.

■ 30.0402, 2.0506,
-40.0834

■ 30.0402, 2.0506,
-40.0834

■ 135.4843, -1.2845,
-45.5110

■ 21.8108, 2.1390,
-39.9501

■ 48.9322, 1.6603,
-41.1881

■ 14.5102, 2.1351,
-40.6584

■ 59.4678, 1.3753,
-41.8678

■ 8.1713, 2.3574,
-44.4575

■ 70.6669, 1.0388,
-42.5540

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.4922, 0.6555,
-43.2218

0.0000, NaN, -NF

■ 94.9121, 0.2287,
-43.8573

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.8995, -0.2384,

-44.4530

0.0000, NaN, NaN

121.4306, -0.7436,
-45.0049

■ 30.0402, 2.0506,
-40.0834

■ 30.0402, 2.0506,
-40.0834

■ 27.9733, 4.9450,
-45.6389

■ 32.2987, -0.4161,
-34.6355

■ 34.7470, -2.3067,
-29.3177

■ 37.3713, -3.6498,
-24.1647

■ 40.1559, -4.4928,
-19.1955

■ 43.0855, -4.8890,
-14.4149

■ 46.1460, -4.8916,
-9.8180

■ 49.3248, -4.5497,
-5.3935

■ 52.6107, -3.9071,
-1.1273

■ 55.9940, -3.0021,
2.9961

Harmonies

Analogous

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



30.0406, -11.9692, -36.0192



30.0402, 2.0506, -40.0834



30.0406, 17.7835, -29.3242

Triad

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



30.0406, 2.0513, -40.0827



30.0406, 24.8969, 13.8984



30.0406, -23.7579, 10.4317

Complementary

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



30.0402, 2.0506, -40.0834



35.4931, 18.2485, 21.4341

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.



30.0406, -17.0569, 16.2809



30.0402, 2.0506, -40.0834



30.0406, 10.3892, 17.4903

Square

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



30.0406, 2.0513, -40.0827



30.0406, 32.5452, 4.8383



30.0406, -5.0934, 18.0766



30.0406, -25.1257, -1.9648

Rectangle

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



30.0402, 2.0506, -40.0834



30.0406, 26.5367, -17.2917



30.0406, -5.0934, 18.0766



30.0406, -22.1282, 13.0046

Sweetspot

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



30.0406, 2.0513, -40.0827



62.3891, -6.4225, -11.4977



48.0854, -36.5046, 19.8834



29.1270, -3.1038, -6.3653



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



30.0406, 2.0513, -40.0827



36.6801, 7.4924, -62.0209



16.8953, 34.9618, -93.2231



25.5523, -1.8530, -0.3648



25.7359, 4.2992, -41.4483



4.1454, -1.1073, -2.7909

Inverse Universe

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



27.7300, 46.7401, -0.9191



35.6890, 63.7922, 2.3348



52.6429, -12.3175, 31.7129



25.0469, 1.3204, 0.6122



24.6454, 44.1403, 0.9304



3.1330, 5.8275, -1.5578

Previews

White Background



This preview shows how the HunterLab color 30.0402, 2.0506, -40.0834 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.0402, 2.0506, -40.0834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

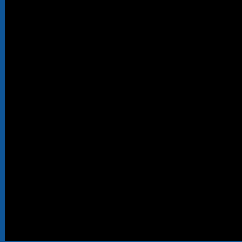
Any Text WCAG AA × Fail

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 30.0402, 2.0506, -40.0834 Background



This preview shows how black text looks on a background with the HunterLab color 30.0402, 2.0506, -40.0834.



This preview shows how white text looks on a background with the HunterLab color 30.0402, 2.0506, -40.0834.

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

30.0402, 2.0506, -40.0834

Protanopia

29.9282, 6.5760, -36.9470

Deuteranopia

30.0266, 2.0048, -40.1193



Tritanopia

29.9082, -14.4309, -6.2305

Trichromacy



Original Color

30.0402, 2.0506, -40.0834

Protanomaly

29.6775, 4.5608, -38.4382

Deuteranomaly

30.0266, 2.0048, -40.1193

Tritanomaly

29.7834, -9.0063, -17.1788

Monochromacy



Original Color

30.0402, 2.0506, -40.0834

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.3650, -3.0248, -11.4941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0402, 2.0506, -40.0834 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(15, 86, 152)` looks like.

```
.text, #text, p{  
    color:rgb(15, 86, 152)  
}
```

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(15, 86, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 86, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0402, 2.0506, -40.0834 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(15, 86, 152) }
```


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

```
.border{ border-color:rgb(15, 86, 152) }
```

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

Here you see how a box with a 4 pixel rgb(15, 86, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 86, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 86, 152);  
box-shadow:4px 4px 4px 4px rgb(15, 86,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0402, 2.0506, -40.0834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 86, 152) }
```

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

```
.background{ background-color: rgb(15, 86,  
152) }
```

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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