

Converting Colors

HunterLab(34.2915, 2.0399,
-40.7853)

Have a look what the booklet for
HunterLab(34.2915, 2.0399,
-40.7853) contains.

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Color

**HunterLab(34.1457, 2.0831,
-40.7336)**

Conversions

Conversions Part 1

Format	Color
Hex	2561A5
RGB	37, 97, 165
RGB Percent	15%, 38%, 65%
CMY	0.8549, 0.6196, 0.3529
CMYK	0.78, 0.41, 0.00, 0.35
HSL	212°, 63%, 40%
HSV	212°, 78%, 65%
XYZ	11.8292, 11.6593, 37.2243
YIQ	86.8120, -57.5880, 8.4280

Conversions

Conversions Part 2

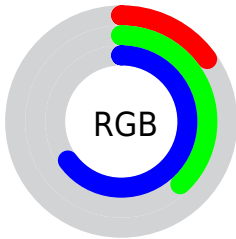
Format	Color
R_{YB}	37, 78, 165
Decimal	2449829
CIE _{Lab}	40.67, 5.37, -42.14
CIE _{LCh}	41, 42.481, 277.266
Yxy	11.6596, 0.1948, 0.1920
Android (android.graphics.Color)	4280639909 (0xFF2561A5)
YUV	86.8120, 38.5467, -43.6851
Hunter-Lab	34.1457, 2.0831, -40.7336

Details

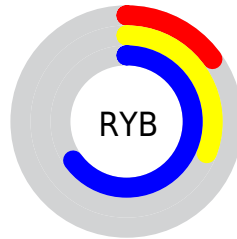
The HunterLab color **34.1457, 2.0831, -40.7336** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42.7061, 12.6365, 24.1055**, and the grayscale version is **30.6826, -1.6371, 1.6670**.

A 20% lighter version of the original color is **53.6670, 1.6035, -41.7071**, and **18.8677, 6.3798, -37.3552** is the 20% darker color. If you saturate the color by 10%, you get **31.4464, 5.1353, -47.6497**, and if you desaturate by 10%, it is **37.0776, -0.2945, -34.0813**.

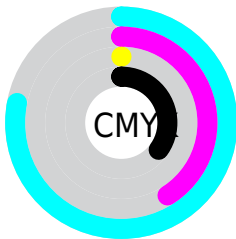
Distribution



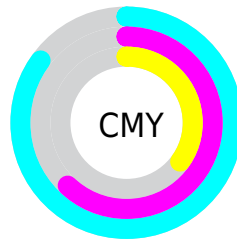
- Red (15%)
- Green (38%)
- Blue (65%)



- Red (15%)
- Yellow (31%)
- Blue (65%)



- Cyan (78%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.1457, 2.0831, -40.7336 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 34.1457, 2.0831, -40.7336 by changing the saturation by 10% instead.

■ 34.1457, 2.0831,
-40.7336

■ 34.1457, 2.0831,
-40.7336

■ 142.1756, -1.3913,
-46.2170

■ 25.5194, 2.1996,
-40.4156

■ 53.7342, 1.6492,
-41.9498

■ 17.7738, 2.2315,
-40.6654

■ 64.5827, 1.3465,
-42.6389

■ 11.0242, 2.1582,
-42.3753

■ 76.0765, 0.9942,
-43.3228

■ 2.7235, 8.4511,
-103.6123

■ 88.1813, 0.5965,
-43.9819

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.8676, 0.1565,
-44.6055

0.0000, NaN, NaN

■ 114.1100, -0.3229,

0.0000, NaN, NaN

-45.1877

0.0000, NaN, NaN

127.8859, -0.8395,
-45.7253

■ 34.1457, 2.0831,
-40.7336

■ 34.1457, 2.0831,
-40.7336

■ 31.4464, 5.1353,
-47.6497

■ 37.0776, -0.2945,
-34.0813

■ 28.9866, 8.8314,
-54.7960

■ 40.2174, -2.0483,
-27.7334

■ 28.4109, 9.7737,
-56.6098

■ 43.5427, -3.2439,
-21.6974

■ 47.0331, -3.9507,
-15.9618

■ 50.6705, -4.2341,
-10.5042

■ 54.4393, -4.1524,
-5.2968

■ 58.3264, -3.7559,
-0.3110

■ 62.3203, -3.0876,
4.4808

■ 66.4115, -2.1835,
9.1039

Harmonies

Analogous

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



34.1462, -12.7370, -36.7158



34.1457, 2.0831, -40.7336



34.1462, 18.4732, -29.8544

Triad

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



34.1462, 2.0837, -40.7328



34.1462, 25.7135, 15.0876



34.1462, -25.4685, 11.2078

Complementary

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



34.1457, 2.0831, -40.7336



42.7061, 12.6365, 24.1055

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.



34.1462, -18.2661, 17.7366



34.1457, 2.0831, -40.7336



34.1462, 10.6596, 19.1648

Square

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



34.1462, 2.0837, -40.7328



34.1462, 33.6289, 5.2989



34.1462, -5.5631, 19.8477



34.1462, -26.9315, -1.9815

Rectangle

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



34.1457, 2.0831, -40.7336



34.1462, 27.5026, -17.6308



34.1462, -5.5631, 19.8477



34.1462, -23.7110, 14.0375

Sweetspot

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



34.1462, 2.0837, -40.7328



69.8820, -5.6761, -11.1278



53.1846, -37.1123, 17.7767



31.8700, -2.6529, -6.3372



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



34.1462, 2.0837, -40.7328



39.7101, 10.3450, -70.5364



21.1530, 32.9844, -86.1647



27.1693, -1.8108, -0.5365



24.9095, 8.0943, -48.6079



4.7414, -0.8143, -4.1686

Inverse Universe

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



31.9158, 46.7015, -0.5255



39.6966, 68.5179, 4.3183



59.0056, -15.9350, 34.3205



26.7182, 1.3816, 0.7983



25.4372, 45.2088, 3.6712



3.8143, 7.0129, -1.2613

Previews

White Background



This preview shows how the HunterLab color 34.1457, 2.0831, -40.7336 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 34.1457, 2.0831, -40.7336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

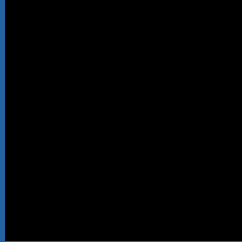
Any Text WCAG AA × Fail

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 34.1457, 2.0831, -40.7336 Background



This preview shows how black text looks on a background with the HunterLab color 34.1457, 2.0831, -40.7336.



This preview shows how white text looks on a background with the HunterLab color 34.1457, 2.0831, -40.7336.

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

34.1457, 2.0831, -40.7336

Protanopia

34.0517, 6.7846, -37.6080

Deuteranopia

34.2599, 2.4665, -40.4505



Tritanopia

33.9455, -16.3313, -7.1744

Trichromacy



Original Color

34.1457, 2.0831, -40.7336

Protanomaly

33.8449, 4.8784, -38.9407

Deuteranomaly

34.2303, 2.3671, -40.5239

Tritanomaly

33.8814, -10.5608, -18.1387

Monochromacy



Original Color

34.1457, 2.0831, -40.7336

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.5993, -2.8219, -11.0111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.1457, 2.0831, -40.7336 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(37, 97, 165)` looks like.

```
.text, #text, p{  
    color:rgb(37, 97, 165)  
}
```

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(37, 97, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 97, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 34.1457, 2.0831, -40.7336 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(37, 97, 165) }
```


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

```
.border{ border-color:rgb(37, 97, 165) }
```

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

Here you see how a box with a 4 pixel rgb(37, 97, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 97, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 97, 165);  
box-shadow:4px 4px 4px 4px rgb(37, 97,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.1457, 2.0831, -40.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 97, 165) }
```

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

```
.background{ background-color: rgb(37, 97,  
165) }
```

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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