

Converting Colors

HunterLab(34.3671, 2.5113,
-37.7505)

Have a look what the booklet for
HunterLab(34.3671, 2.5113,
-37.7505) contains.

HunterLab(34.3671, 2.5113, -37.7505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(34.3671, 2.5113,
-37.7505)**

Conversions

Conversions Part 1	
Format	Color
Hex	3161A2
RGB	49, 97, 162
RGB Percent	19%, 38%, 64%
CMY	0.8078, 0.6196, 0.3647
CMYK	0.70, 0.40, 0.00, 0.36
HSL	215°, 54%, 41%
HSV	215°, 70%, 64%
XYZ	12.0629, 11.8110, 35.8263
YIQ	90.0580, -49.4730, 10.0390

Conversions

Conversions Part 2

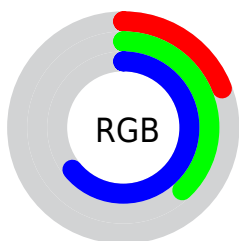
Format	Color
RYB	49, 83, 162
Decimal	3236258
CIELab	40.91, 5.95, -39.95
CIELCh	41, 40.386, 278.474
Yxy	11.8114, 0.2021, 0.1978
Android (android.graphics.Color)	4281426338 (0xFF3161A2)
YUV	90.0580, 35.4674, -36.0079
Hunter-Lab	34.3671, 2.5113, -37.7505

Details

The HunterLab color **34.3671, 2.5113, -37.7505** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44.6535, 7.6934, 23.7908**, and the grayscale version is **31.8841, -1.7013, 1.7323**.

A 20% lighter version of the original color is **53.9123, 2.1422, -38.9358**, and **18.6908, 5.4757, -35.1822** is the 20% darker color. If you saturate the color by 10%, you get **31.3945, 5.3642, -45.1165**, and if you desaturate by 10%, it is **37.5682, 0.3110, -30.7921**.

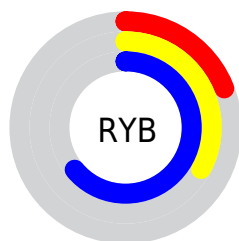
Distribution



Red (19%)

Green (38%)

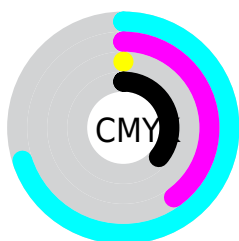
Blue (64%)



Red (19%)

Yellow (33%)

Blue (64%)

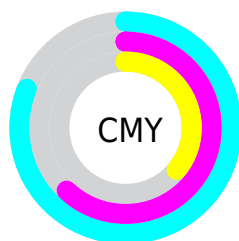


Cyan (70%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (81%)


Magenta (62%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 34.3671, 2.5113, -37.7505 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 34.3671, 2.5113, -37.7505 by changing the saturation by 10% instead.


 34.3671, 2.5113,
-37.7505


 34.3671, 2.5113,
-37.7505


142.5315, -0.7305,
-42.9985


 25.7203, 2.5936,
-37.3471


 53.9917, 2.1386,
-38.9986

 17.9520, 2.5882,
-37.4035

 64.8564, 1.8638,
-39.6701

 11.1763, 2.4736,
-38.6644


 76.3656, 1.5381,
-40.3249

 3.1822, 7.9796,
-81.4709

 88.4849, 1.1656,
-40.9473

0.0000, NaN, -NF

0.0000, NaN, -NF

 101.1851, 0.7499,
-41.5290

0.0000, NaN, NaN

114.4408, 0.2938,

0.0000, NaN, NaN

-42.0659

0.0000, NaN, NaN

128.2296, -0.2004,
-42.5559

■ 34.3671, 2.5113,
-37.7505

■ 34.3671, 2.5113,
-37.7505

■ 31.3945, 5.3642,
-45.1165

■ 37.5682, 0.3110,
-30.7921

■ 28.6787, 8.9169,
-52.8409

■ 40.9680, -1.3107,
-24.2487

■ 26.2162, 13.0687,
-60.9236

■ 44.5423, -2.4304,
-18.0961

■ 26.1563, 13.1758,
-61.1358

■ 48.2702, -3.1201,
-12.2971

■ 52.1340, -3.4433,
-6.8102

■ 56.1190, -3.4542,
-1.5943

■ 60.2131, -3.1979,
3.3884

■ 64.4058, -2.7121,
8.1716

■ 68.6885, -2.0281,
12.7846

Harmonies

Analogous

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



34.3677, -11.7763, -34.6136



34.3671, 2.5113, -37.7505



34.3677, 17.9784, -27.2276

Triad

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



34.3677, 2.5118, -37.7496



34.3677, 23.7395, 14.9224



34.3677, -24.7309, 10.4805

Complementary

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



34.3671, 2.5113, -37.7505



44.6535, 7.6934, 23.7908

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.



34.3677, -17.9795, 17.1489



34.3671, 2.5113, -37.7505



34.3677, 9.3816, 18.8424

Square

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



34.3677, 2.5118, -37.7496



34.3677, 31.5362, 5.6677



34.3677, -5.9771, 19.4324



34.3677, -25.9320, -2.4159

Rectangle

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



34.3671, 2.5113, -37.7505



34.3677, 26.3166, -15.7564



34.3677, -5.9771, 19.4324



34.3677, -23.0987, 13.3330

Sweetspot

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



34.3677, 2.5118, -37.7496



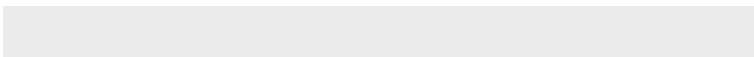
69.3728, -4.5984, -10.3700



52.6185, -33.8355, 14.2151



32.2262, -2.1369, -5.8221



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.



34.3677, 2.5118, -37.7496



40.1146, 9.9122, -66.8280



23.7955, 27.9820, -70.0184



27.0766, -1.6578, -0.6500



23.3921, 11.3061, -53.6447



4.5582, -0.5265, -4.5608

Inverse Universe

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



32.7746, 41.5312, 0.4635



40.2414, 64.4216, 4.4501



57.4270, -16.9136, 32.0894



26.7087, 1.3306, 0.9336



25.2913, 44.6759, 5.7710



3.7917, 6.9316, -0.9466

Previews

White Background



This preview shows how the HunterLab color 34.3671, 2.5113, -37.7505 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 34.3671, 2.5113, -37.7505 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 34.3671, 2.5113, -37.7505 Background



This preview shows how black text looks on a background with the HunterLab color 34.3671, 2.5113, -37.7505.



This preview shows how white text looks on a background with the HunterLab color 34.3671, 2.5113, -37.7505.

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

34.3671, 2.5113, -37.7505

Protanopia

34.3130, 6.0968, -35.4270

Deuteranopia

34.4037, 2.6337, -37.6632



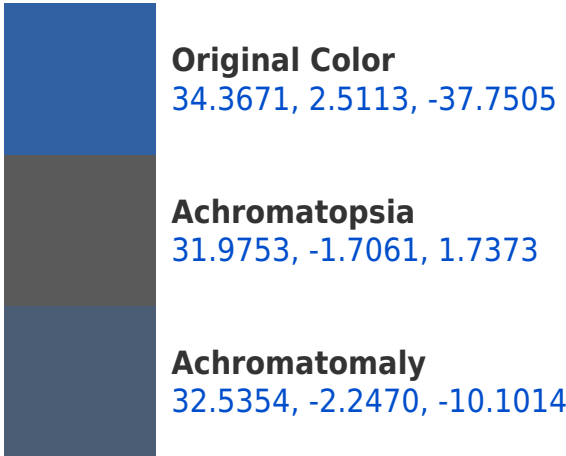
Tritanopia

34.2829, -16.5079, -7.2148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3671, 2.5113, -37.7505 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(49, 97, 162)` looks like.

```
.text, #text, p{  
    color:rgb(49, 97, 162)  
}
```

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(49, 97, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 97, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3671, 2.5113, -37.7505 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(49, 97, 162) }
```

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

```
.border{ border-color:rgb(49, 97, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 97, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 97, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 97, 162);  
box-shadow:4px 4px 4px 4px rgb(49, 97,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3671, 2.5113, -37.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 97, 162) }
```

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

```
.background{ background-color: rgb(49, 97,  
162) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor