

Converting Colors

HunterLab(45.4107, 1.0054,
-36.8667)

Have a look what the booklet for
HunterLab(45.4107, 1.0054,
-36.8667) contains.

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Color

**HunterLab(45.3005, 1.3240,
-37.3325)**

Conversions

Conversions Part 1

Format	Color
Hex	527EC0
RGB	82, 126, 192
RGB Percent	32%, 49%, 75%
CMY	0.6784, 0.5059, 0.2471
CMYK	0.57, 0.34, 0.00, 0.25
HSL	216°, 47%, 54%
HSV	216°, 57%, 75%
XYZ	20.4550, 20.5214, 52.7522
YIQ	120.3680, -47.4100, 11.1980

Conversions

Conversions Part 2

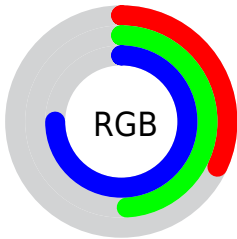
Format	Color
R _Y B	82, 113, 192
Decimal	5406400
CIE Lab	52.42, 4.71, -39.11
CIE LCh	52, 39.395, 276.871
Yxy	20.5221, 0.2182, 0.2189
Android (android.graphics.Color)	4283596480 (0xFF527EC0)
YUV	120.3680, 35.3146, -33.6487
Hunter-Lab	45.3005, 1.3240, -37.3325

Details

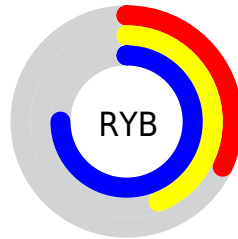
The HunterLab color **45.3005, 1.3240, -37.3325** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **57.4431, 4.6679, 27.2374**, and the grayscale version is **43.3627, -2.3137, 2.3560**.

A 20% lighter version of the original color is **66.4600, 0.9763, -38.9842**, and **27.0958, 1.4929, -35.8913** is the 20% darker color. If you saturate the color by 10%, you get **41.2307, 4.1449, -46.2341**, and if you desaturate by 10%, it is **49.6231, -0.7814, -29.0207**.

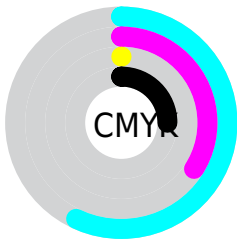
Distribution



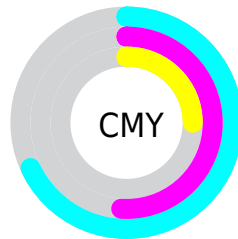
- Red (32%)
- Green (49%)
- Blue (75%)



- Red (32%)
- Yellow (44%)
- Blue (75%)



- Cyan (57%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (68%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3005, 1.3240, -37.3325 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 45.3005, 1.3240, -37.3325 by changing the saturation by 10% instead.

■ 45.3005, 1.3240,
-37.3325

■ 45.3005, 1.3240,
-37.3325

■ 159.6018, -2.8790,
-42.2135

■ 35.7423, 1.5599,
-36.7200

■ 66.5513, 0.6861,
-38.6530

■ 26.9701, 1.7297,
-36.2558

■ 78.1545, 0.2942,
-39.2909

■ 19.0629, 1.8223,
-36.1617

■ 90.3632, -0.1412,
-39.8926

■ 12.1284, 1.8196,
-37.0309

■ 103.1487, -0.6169,
-40.4511

■ 5.1786, 3.6892,
-51.8520

■ 116.4861, -1.1305,
-40.9633

0.0000, NaN, -NF

0.0000, NaN, -NF

130.3535, -1.6800,

-41.4278

0.0000, NaN, NaN

144.7312, -2.2633,
-41.8444

0.0000, NaN, NaN

■ 45.3005, 1.3240,
-37.3325

■ 45.3005, 1.3240,
-37.3325

■ 41.2307, 4.1449,
-46.2341

■ 49.6231, -0.7814,
-29.0207

■ 37.4504, 7.7805,
-55.7387

■ 54.1630, -2.2749,
-21.2551

■ 34.0040, 12.3033,
-65.7850

■ 58.8934, -3.2497,
-13.9726

■ 30.9274, 17.6898,
-76.2365

■ 63.7916, -3.7866,
-7.1087

■ 30.1417, 19.2297,
-79.1859

■ 68.8389, -3.9533,
-0.6030

■ 74.0201, -3.8056,
5.5987

■ 79.3222, -3.3893,
11.5432

■ 84.7346, -2.7421,
17.2706

■ 90.2483, -1.8949,
22.8148

Harmonies

Analogous

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



45.3013, -13.8938, -33.5987



45.3005, 1.3240, -37.3325



45.3013, 17.5810, -27.7913

Triad

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



45.3013, 1.3243, -37.3314



45.3013, 24.9458, 16.7582



45.3013, -27.4062, 12.5307

Complementary

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



45.3005, 1.3240, -37.3325



57.4431, 4.6679, 27.2374

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.



45.3013, -19.4579, 20.2002



45.3005, 1.3240, -37.3325



45.3013, 10.3241, 21.9819

Square

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



45.3013, 1.3243, -37.3314



45.3013, 32.3925, 5.8328



45.3013, -6.0457, 22.9756



45.3013, -29.1215, -1.1811

Rectangle

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



45.3005, 1.3240, -37.3325



45.3013, 26.3655, -16.6464



45.3013, -6.0457, 22.9756



45.3013, -25.4343, 15.7335

Sweetspot

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



45.3013, 1.3243, -37.3314



85.8796, -5.0979, -9.5540



64.5228, -36.3517, 13.3764



39.1519, -2.3135, -5.2716



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



45.3013, 1.3243, -37.3314



54.0245, 6.8415, -65.7578



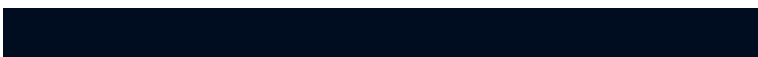
34.8836, 26.1833, -62.8077



32.2404, -1.8772, -0.9193



25.0135, 15.1004, -63.8623



6.3653, 0.7474, -9.5696

Inverse Universe

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



43.2994, 41.8074, 0.3838



52.6955, 67.9989, 2.8622



69.3778, -19.9646, 35.5779



31.8483, 1.6371, 1.1917



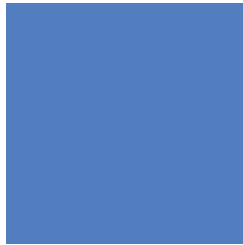
28.1316, 49.5024, 7.8972



5.9628, 10.7100, -0.0122

Previews

White Background



This preview shows how the HunterLab color 45.3005, 1.3240, -37.3325 looks on a white 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

Black Background



This preview shows how the HunterLab color 45.3005, 1.3240, -37.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

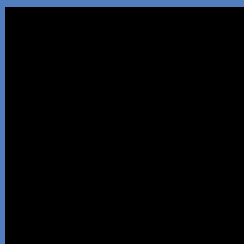
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

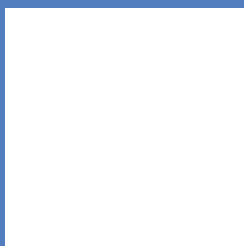
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.3005, 1.3240, -37.3325 Background



This preview shows how black text looks on a background with the HunterLab color 45.3005, 1.3240, -37.3325.

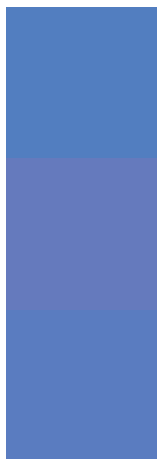


This preview shows how white text looks on a background with the HunterLab color 45.3005, 1.3240, -37.3325.

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

45.3005, 1.3240, -37.3325

Protanopia

45.1219, 6.1356, -35.3498

Deuteranopia

45.1605, 3.7300, -37.5788



Tritanopia

45.2695, -16.2643, -8.0064

Trichromacy



Original Color

45.3005, 1.3240, -37.3325

Protanomaly

45.0148, 4.4703, -36.3477

Deuteranomaly

45.2761, 2.6857, -37.3588

Tritanomaly

45.2620, -10.3487, -17.6804

Monochromacy



Original Color

45.3005, 1.3240, -37.3325

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.6561, -2.4253, -10.0745

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3005, 1.3240, -37.3325 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(82, 126, 192)` looks like.

```
.text, #text, p{  
    color:rgb(82, 126, 192)  
}
```

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(82, 126, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 126, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3005, 1.3240, -37.3325 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(82, 126, 192) }
```


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

```
.border{ border-color:rgb(82, 126, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 126, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 126, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 126, 192);  
box-shadow:4px 4px 4px 4px rgb(82, 126,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3005, 1.3240, -37.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 126, 192) }
```

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

```
.background{ background-color: rgb(82, 126,  
192) }
```

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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