

Converting Colors

HunterLab(33.5073, 41.9689,
-84.2107)

Have a look what the booklet for
HunterLab(33.5073, 41.9689,
-84.2107) contains.

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Color

**HunterLab(33.4936, 41.9460,
-84.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	6741D0
RGB	103, 65, 208
RGB Percent	40%, 25%, 82%
CMY	0.5961, 0.7451, 0.1843
CMYK	0.50, 0.69, 0.00, 0.18
HSL	256°, 60%, 54%
HSV	256°, 69%, 82%
XYZ	18.8690, 11.2182, 60.8453
YIQ	92.6640, -23.2550, 52.5290

Conversions

Conversions Part 2

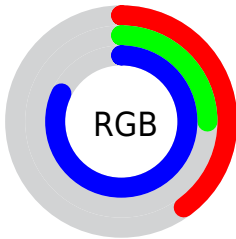
Format	Color
R_{YB}	103, 65, 208
Decimal	6767056
CIE _{Lab}	39.95, 50.54, -68.28
CIE _{LCh}	40, 84.944, 306.508
Yxy	11.2185, 0.2075, 0.1234
Android (android.graphics.Color)	4284957136 (0xFF6741D0)
YUV	92.6640, 56.8606, 9.0647
Hunter-Lab	33.4936, 41.9460, -84.2622

Details

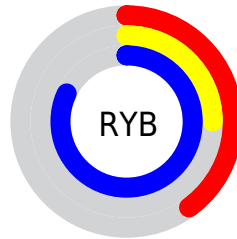
The HunterLab color **33.4936, 41.9460, -84.2622** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **73.5113, -31.3063, 40.7157**, and the grayscale version is **32.7631, -1.7482, 1.7801**.

A 20% lighter version of the original color is **52.3375, 42.0884, -74.1884**, and **17.1934, 37.9344, -91.1790** is the 20% darker color. If you saturate the color by 10%, you get **29.0380, 49.3359, -103.0875**, and if you desaturate by 10%, it is **38.7927, 34.2907, -66.7015**.

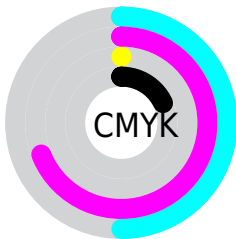
Distribution



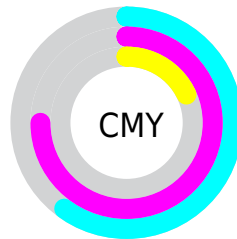
- Red (40%)
- Green (25%)
- Blue (82%)



- Red (40%)
- Yellow (25%)
- Blue (82%)



- Cyan (50%)
- Magenta (69%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (75%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4936, 41.9460, -84.2622 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 33.4936, 41.9460, -84.2622 by changing the saturation by 10% instead.

33.4936, 41.9460,
-84.2622

33.4936, 41.9460,
-84.2622

141.1243, 54.9247,
-88.4206

24.9279, 40.0090,
-86.4197

52.9750, 45.5520,
-83.3561

17.2501, 38.0714,
-91.3006

63.7753, 47.1895,
-83.6873

10.5784, 36.4146,
-102.6966

75.2236, 48.7180,
-84.2669

0.0000, INF, -NF

87.2852, 50.1428,
-84.9941

0.0000, NaN, -NF

0.0000, NaN, -NF

99.9303, 51.4700,
-85.8068

0.0000, NaN, NaN

113.1332, 52.7057,

0.0000, NaN, NaN

-86.6649

126.8712, 53.8555,
-87.5421

■ 33.4936, 41.9460,
-84.2622

■ 33.4936, 41.9460,
-84.2622

■ 29.0380, 49.3359,
-103.0875

■ 38.7927, 34.2907,
-66.7015

■ 25.6483, 55.3782,
-121.1734

■ 44.7411, 26.8739,
-51.0402

■ 23.4221, 58.9347,
-135.5948

■ 51.1949, 19.8494,
-37.2173

■ 23.1824, 59.3445,
-137.2972

■ 58.0510, 13.2134,
-24.9464

■ 65.2360, 6.9096,
-13.9166

■ 72.6969, 0.8726,
-3.8587

■ 80.3944, -4.9567,
5.4424

■ 88.2989, -10.6272,
14.1536

■ 96.3875, -16.1781,
22.4031

Harmonies

Analogous

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



33.4941, 5.2923, -119.0762



33.4936, 41.9460, -84.2622



33.4941, 72.9921, -29.8773

Triad

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



33.4941, 41.9470, -84.2609



33.4941, 25.6675, 23.4458



33.4941, -43.0076, -5.3188

Complementary

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



33.4936, 41.9460, -84.2622



73.5113, -31.3063, 40.7157

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.



33.4941, -40.9865, 17.5362



33.4936, 41.9460, -84.2622



33.4941, -8.3268, 23.4458

Square

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



33.4941, 41.9470, -84.2609



33.4941, 61.4343, 21.1126



33.4941, -30.5511, 23.3721



33.4941, -37.6801, -53.0768

Rectangle

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



33.4936, 41.9460, -84.2622



33.4941, 81.6947, -1.8466



33.4941, -30.5511, 23.3721



33.4941, -43.1236, 5.1196

Sweetspot

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



33.4941, 41.9470, -84.2609



79.8460, 10.6476, -20.8642



59.3956, -18.6964, -23.2968



35.7654, 5.9462, -11.4267

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.4941, 41.9470, -84.2609



34.1465, 66.4242, -142.0675



41.3929, 58.4151, -58.9478



34.0110, 0.5959, -2.1193



18.4122, 46.9466, -107.5978



4.7831, 11.5091, -22.6287

Inverse Universe

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



44.8248, 61.5620, -21.6013



52.0819, 88.4349, -27.6974



69.4593, -47.4161, 37.7015



34.5734, 2.3351, -0.1104



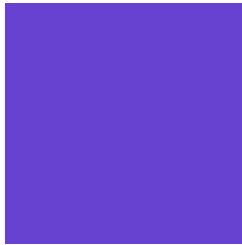
31.3085, 58.2301, -15.5312



7.4889, 14.0736, -4.8406

Previews

White Background



This preview shows how the HunterLab color 33.4936, 41.9460, -84.2622 looks on a white background.

Color Contrast Check

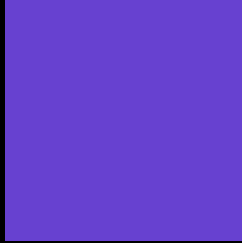
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4936, 41.9460, -84.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

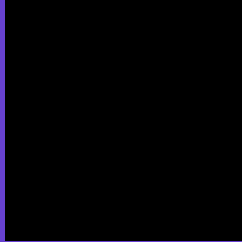
Any Text WCAG AA × Fail

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 33.4936, 41.9460, -84.2622 Background



This preview shows how black text looks on a background with the HunterLab color 33.4936, 41.9460, -84.2622.



This preview shows how white text looks on a background with the HunterLab color 33.4936, 41.9460, -84.2622.

-84.2622.

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

33.4936, 41.9460, -84.2622

Protanopia

33.5975, 11.6294, -67.0985

Deuteranopia

33.2902, 0.5863, -42.8755



Tritanopia

33.4551, -6.7021, -3.6679

Trichromacy



Original Color

33.4936, 41.9460, -84.2622

Protanomaly

32.4116, 20.2346, -77.4053

Deuteranomaly

31.9789, 12.9830, -61.1185

Tritanomaly

32.4400, 8.9396, -27.3493

Monochromacy



Original Color

33.4936, 41.9460, -84.2622

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.3685, 11.7156, -21.8357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4936, 41.9460, -84.2622 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(103, 65, 208)` looks like.

```
.text, #text, p{  
    color:rgb(103, 65, 208)  
}
```

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(103, 65, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 65, 208) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4936, 41.9460, -84.2622 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(103, 65, 208) }
```


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

```
.border{ border-color:rgb(103, 65, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 65, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 65, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 65, 208);  
box-shadow:4px 4px 4px 4px rgb(103, 65,  
208) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4936, 41.9460, -84.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 65, 208) }
```

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

```
.background{ background-color: rgb(103, 65,  
208) }
```

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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