

Converting Colors

HunterLab(36.6985, 33.0776,
-88.7004)

Have a look what the booklet for
HunterLab(36.6985, 33.0776,
-88.7004) contains.

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Color

**HunterLab(36.7415, 32.9225,
-88.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	5454DE
RGB	84, 84, 222
RGB Percent	33%, 33%, 87%
CMY	0.6706, 0.6706, 0.1294
CMYK	0.62, 0.62, 0.00, 0.13
HSL	240°, 68%, 60%
HSV	240°, 62%, 87%
XYZ	20.0113, 13.4994, 70.6581
YIQ	99.7320, -44.2980, 42.9180

Conversions

Conversions Part 2

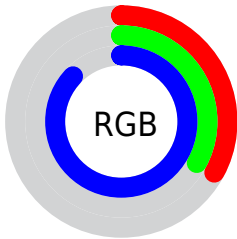
Format	Color
R_{YB}	84, 84, 222
Decimal	5526750
CIE _{Lab}	43.51, 40.96, -70.56
CIE _{LCh}	44, 81.583, 300.137
Yxy	13.4997, 0.1921, 0.1296
Android (android.graphics.Color)	4283716830 (0xFF5454DE)
YUV	99.7320, 60.2781, -13.7970
Hunter-Lab	36.7415, 32.9225, -88.3024

Details

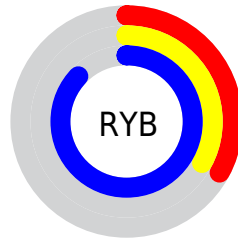
The HunterLab color $[36.7415, 32.9225, -88.3024]$ is a dark color, and the websafe version is hex $6666FF$. The color can be described as dark muted blue. A complement of this color would be $[82.7111, -19.9114, 44.6052]$, and the grayscale version is $[35.3914, -1.8884, 1.9229]$.

A 20% lighter version of the original color is $[55.1191, 27.9920, -67.3125]$, and $[20.3455, 30.8633, -92.0551]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.1696, 42.0705, -111.5116]$, and if you desaturate by 10%, it is $[43.2436, 24.7440, -67.6716]$.

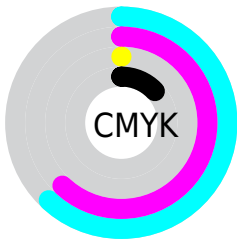
Distribution



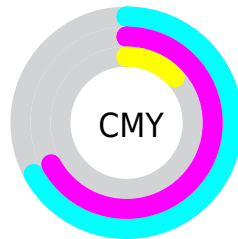
- Red (33%)
- Green (33%)
- Blue (87%)



- Red (33%)
- Yellow (33%)
- Blue (87%)



- Cyan (62%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7415, 32.9225, -88.3024 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 36.7415, 32.9225, -88.3024 by changing the saturation by 10% instead.

■ 36.7415, 32.9225, -88.3024 ■ 36.7415, 32.9225, -88.3024

146.3202, 42.5930, -92.7683 ■ 27.8811, 31.3128, -90.1770

■ 56.7439, 35.7785, -87.5834 ■ 19.8756, 29.5935, -94.3517

■ 67.7793, 37.0316, -87.9468 ■ 12.8291, 27.8433, -103.6429

■ 79.4496, 38.1793, -88.5459 ■ 6.2307, 31.6838, -142.1143

■ 91.7222, 39.2297, -89.2874 0.0000, INF, -NF

0.0000, NaN, -NF

■ 104.5687, 40.1901, -90.1127 0.0000, NaN, -NF

117.9646, 41.0671, 0.0000, NaN, -NF

-90.9837

0.0000, NaN, NaN

131.8882, 41.8663,
-91.8747

■ 36.7415, 32.9225,
-88.3024

■ 36.7415, 32.9225,
-88.3024

■ 31.1696, 42.0705,
-111.5116

■ 43.2436, 24.7440,
-67.6716

■ 26.8478, 51.3507,
-135.1731

■ 50.4356, 17.6276,
-49.8532

■ 24.1047, 58.7510,
-154.1014

■ 58.1550, 11.4161,
-34.4215

■ 22.9653, 62.2929,
-163.1751

■ 66.2919, 5.9119,
-20.8559

■ 74.7706, 0.9448,
-8.7095

■ 83.5376, -3.6170,
2.3637

■ 92.5536, -7.8725,
12.6229

■ 99.0222, -10.7192,
19.4509

Harmonies

Analogous

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



36.7420, -1.8205, -111.5022



36.7415, 32.9225, -88.3024



36.7420, 65.1577, -38.8027

Triad

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



36.7420, 32.9239, -88.3012



36.7420, 32.5939, 25.2386



36.7420, -44.5306, 1.8648

Complementary

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



36.7415, 32.9225, -88.3024



82.7111, -19.9114, 44.6052

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.



36.7420, -40.6255, 20.4914



36.7415, 32.9225, -88.3024



36.7420, -2.1041, 25.7194

Square

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



36.7420, 32.9239, -88.3012



36.7420, 64.9270, 20.5762



36.7420, -27.3109, 25.2167



36.7420, -40.5511, -39.2591

Rectangle

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



36.7415, 32.9225, -88.3024



36.7420, 76.9224, -9.0729



36.7420, -27.3109, 25.2167



36.7420, -44.1190, 10.4323

Sweetspot

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



36.7420, 32.9239, -88.3012



80.5164, 5.1066, -19.9632



77.0724, -35.3756, -6.2905



35.9444, 3.1628, -11.1979

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.7420, 32.9239, -88.3012



34.5552, 53.0080, -140.1076



42.8799, 47.7293, -68.2969



36.3914, -0.1546, -2.6485



17.6994, 48.0092, -125.7587



4.6600, 12.6398, -33.1081

Inverse Universe

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



52.0997, 68.0664, -45.3437



56.6727, 93.2912, -62.4129



77.2368, -40.7372, 40.4412



37.3305, 3.0251, -1.3833



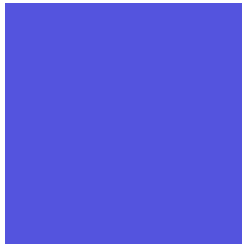
35.1518, 69.1089, -46.3568



9.2547, 18.1948, -12.2050

Previews

White Background



This preview shows how the HunterLab color 36.7415, 32.9225, -88.3024 looks on a white background.

Color Contrast Check

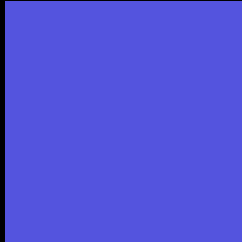
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7415, 32.9225, -88.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

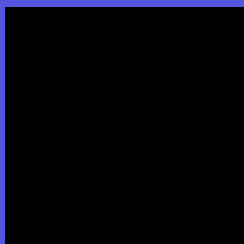
Any Text WCAG AA × Fail

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 36.7415, 32.9225, -88.3024 Background



This preview shows how black text looks on a background with the HunterLab color 36.7415, 32.9225, -88.3024.



This preview shows how white text looks on a background with the HunterLab color 36.7415, 32.9225, -88.3024.

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

36.7415, 32.9225, -88.3024

Protanopia

36.7792, 13.1455, -74.3481

Deuteranopia

36.6039, 0.7513, -47.3736



Tritanopia

36.7105, -15.9859, -7.3963

Trichromacy



Original Color

36.7415, 32.9225, -88.3024

Protanomaly

36.2653, 18.7604, -81.3343

Deuteranomaly

35.7503, 10.7842, -63.4073

Tritanomaly

35.5307, -0.9407, -32.1012

Monochromacy



Original Color

36.7415, 32.9225, -88.3024

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.2118, 7.5900, -22.5981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7415, 32.9225, -88.3024 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(84, 84, 222)` looks like.

```
.text, #text, p{  
    color:rgb(84, 84, 222)  
}
```

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(84, 84, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 84, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7415, 32.9225, -88.3024 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(84, 84, 222) }
```


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

```
.border{ border-color:rgb(84, 84, 222) }
```

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

Here you see how a box with a 4 pixel rgb(84, 84, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 84, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 84, 222);  
box-shadow:4px 4px 4px 4px rgb(84, 84,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7415, 32.9225, -88.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 84, 222) }
```

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

```
.background{ background-color: rgb(84, 84,  
222) }
```

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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