

# Converting Colors

HunterLab(24.6389, 36.6909,  
-96.1344)

Have a look what the booklet for  
HunterLab(24.6389, 36.6909,  
-96.1344) contains.

<b>HunterLab(24.5485, 36.8328, -96.4261)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(24.5485, 36.8328,  
-96.4261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F2DBA
RGB	47, 45, 186
RGB Percent	18%, 18%, 73%
CMY	0.8156, 0.8235, 0.2706
CMYK	0.75, 0.76, 0.00, 0.27
HSL	241°, 61%, 45%
HSV	241°, 76%, 73%
XYZ	10.9736, 6.0263, 47.0392
YIQ	61.6720, -44.0690, 44.2750

# Conversions

## Conversions Part 2

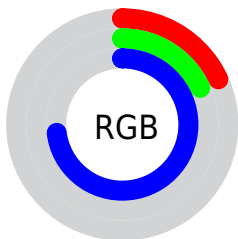
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 45, 186
Decimal	3091898
CIE Lab	29.48, 47.44, -72.78
CIE LCh	29, 86.877, 303.097
Yxy	6.0264, 0.1714, 0.0941
Android (android.graphics.Color)	4281281978 (0xFF2F2DBA)
YUV	61.6720, 61.2937, -12.8673
Hunter-Lab	24.5485, 36.8328, -96.4261

# Details

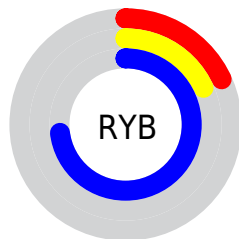
The HunterLab color **24.5485, 36.8328, -96.4261** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **67.4510, -18.0146, 39.0655**, and the grayscale version is **21.6408, -1.1547, 1.1758**.

A 20% lighter version of the original color is **42.3611, 40.3237, -91.8720**, and **12.8857, 34.3509, -90.2597** is the 20% darker color. If you saturate the color by 10%, you get **21.3500, 44.0602, -115.0795**, and if you desaturate by 10%, it is **28.8139, 29.3454, -77.3203**.

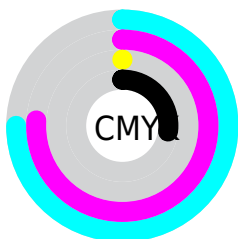
# Distribution



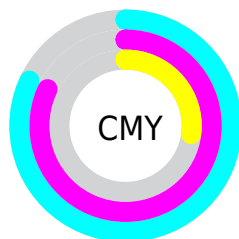
- Red (18%)
- Green (18%)
- Blue (73%)



- Red (18%)
- Yellow (18%)
- Blue (73%)



- Cyan (75%)
- Magenta (76%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (82%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5485, 36.8328, -96.4261 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 24.5485, 36.8328, -96.4261 by changing the saturation by 10% instead.



■ 24.5485, 36.8328,  
-96.4261

■ 24.5485, 36.8328,  
-96.4261

■ 126.2178, 49.8027,  
-95.4912

■ 16.9149, 34.9459,  
-102.8226

■ 42.4097, 40.4578,  
-92.1138

■ 10.2940, 33.2675,  
-117.4148

■ 52.4870, 42.1078,  
-91.7149

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.2560, 43.6432,  
-91.8510

0.0000, NaN, -NF

■ 74.6748, 45.0689,  
-92.3105

0.0000, NaN, -NF

■ 86.7085, 46.3911,  
-92.9689

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.3270, 47.6166,

-93.7490

112.5043, 48.7519,  
-94.6007

■ 24.5485, 36.8328,  
-96.4261

■ 24.5485, 36.8328,  
-96.4261

■ 21.3500, 44.0602,  
-115.0795

■ 28.8139, 29.3454,  
-77.3203

■ 19.4453, 49.2944,  
-128.7981

■ 33.8818, 22.4857,  
-60.0199

■ 18.8741, 51.1053,  
-133.4050

■ 39.5461, 16.4561,  
-44.9914

■ 45.6638, 11.1737,  
-31.9833

■ 52.1377, 6.4894,  
-20.5868

■ 58.9010, 2.2643,  
-10.4273

■ 65.9069, -1.6128,  
-1.2074

■ 73.1211, -5.2261,  
7.2979

■ 80.5182, -8.6389,  
15.2566

# Harmonies

## Analogous

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



24.5487, 1.7531, -130.9157



24.5485, 36.8328, -96.4261



24.5487, 70.1582, -36.4440

# Triad

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



24.5487, 36.8349, -96.4256



24.5487, 29.1046, 17.1841



24.5487, -35.7449, -1.6838

# Complementary

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



24.5485, 36.8328, -96.4261



67.4510, -18.0146, 39.0655

# 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.



24.5487, -33.7473, 15.2395



24.5485, 36.8328, -96.4261



24.5487, -4.2322, 17.1841

# Square

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



24.5487, 36.8349, -96.4256



24.5487, 64.4331, 16.6125



24.5487, -24.8217, 17.1841



24.5487, -32.6090, -48.3410



# Rectangle

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



24.5485, 36.8328, -96.4261



24.5487, 81.3955, -5.8749



24.5487, -24.8217, 17.1841



24.5487, -35.6448, 6.8614

# Sweetspot

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



24.5487, 36.8349, -96.4256



72.3703, 7.3057, -24.2606



62.6267, -31.2040, -5.9356



32.4353, 4.4405, -13.8306



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



24.5487, 36.8349, -96.4256



26.8294, 64.4715, -168.4151



30.1672, 47.4262, -71.8819



29.5388, -0.1311, -2.0319



15.4900, 41.9242, -109.3463



2.9439, 7.8975, -20.2372



# Inverse Universe

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



39.7190, 64.5887, -42.0768



50.7208, 96.2901, -62.6127



62.4389, -37.3161, 35.4641



30.2663, 2.3261, -0.9958



30.5515, 59.8839, -38.8895

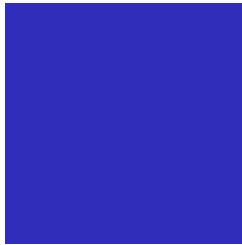


5.7424, 11.2650, -7.3818



# Previews

## White Background



This preview shows how the HunterLab color 24.5485, 36.8328, -96.4261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

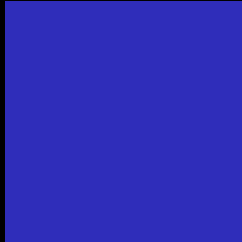
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 24.5485, 36.8328, -96.4261 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

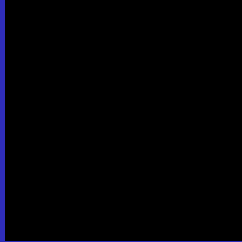
Any Text WCAG AA × Fail

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 24.5485, 36.8328, -96.4261 Background



This preview shows how black text looks on a background with the HunterLab color 24.5485, 36.8328, -96.4261.



This preview shows how white text looks on a background with the HunterLab color 24.5485, 36.8328, -96.4261.



# 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

24.5485, 36.8328, -96.4261

### Protanopia

24.3668, 7.2808, -46.1736

### Deuteranopia

24.2127, -0.7681, -28.6057



## Tritanopia

24.3248, -11.9177, -4.6770

# Trichromacy



## Original Color

24.5485, 36.8328, -96.4261

## Protanomaly

23.8357, 17.3059, -64.3547

## Deuteranomaly

23.6179, 11.4816, -51.4838

## Tritanomaly

22.9256, 2.7941, -31.7793

# Monochromacy



## Original Color

24.5485, 36.8328, -96.4261

## Achromatopsia

21.9481, -1.1711, 1.1925

## Achromatomaly

21.8168, 8.9095, -24.2026

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.5485, 36.8328, -96.4261 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(47, 45, 186)` looks like.

```
.text, #text, p{  
    color:rgb(47, 45, 186)  
}
```

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(47, 45, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 45, 186) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.5485, 36.8328, -96.4261 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(47, 45, 186) }
```



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

```
.border{ border-color:rgb(47, 45, 186) }
```

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

Here you see how a box with a 4 pixel rgb(47, 45, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 45, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 45, 186);  
box-shadow:4px 4px 4px 4px rgb(47, 45,  
186) }
```

# Background

The CSS property to change the background color of an element to HunterLab 24.5485, 36.8328, -96.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 45, 186) }
```

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

```
.background{ background-color: rgb(47, 45,  
186) }
```

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