

Converting Colors

HunterLab(14.7299, 36.1668,
-75.2978)

Have a look what the booklet for
HunterLab(14.7299, 36.1668,
-75.2978) contains.

HunterLab(14.7295, 36.1665, -75.3001)	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(14.7295, 36.1665,
-75.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	2D0082
RGB	45, 0, 130
RGB Percent	18%, 0%, 51%
CMY	0.8235, 1.0000, 0.4902
CMYK	0.65, 1.00, 0.00, 0.49
HSL	261°, 100%, 25%
HSV	261°, 100%, 51%
XYZ	5.1114, 2.1696, 21.2684
YIQ	28.2750, -14.9100, 49.9700

Conversions

Conversions Part 2

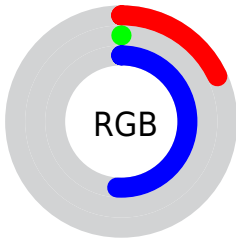
Format	Color
RYB	45, 0, 130
Decimal	2949250
CIELab	16.35, 49.28, -60.26
CIELCh	16, 77.843, 309.273
Yxy	2.1697, 0.1790, 0.0760
Android (android.graphics.Color)	4281139330 (0xFF2D0082)
YUV	28.2750, 50.1504, 14.6678
Hunter-Lab	14.7295, 36.1665, -75.3001

Details

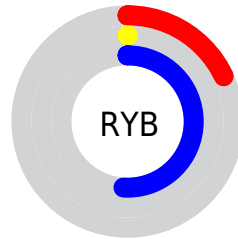
The HunterLab color **14.7295, 36.1665, -75.3001** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **42.3041, -24.5442, 25.6379**, and the grayscale version is **10.7149, -0.5717, 0.5822**.

A 20% lighter version of the original color is **30.2260, 39.9794, -69.6264**, and **7.5134, 20.3801, -53.3859** is the 20% darker color. If you saturate the color by 10%, you get **14.7299, 36.1668, -75.2978**, and if you desaturate by 10%, it is **16.3407, 33.3195, -65.9756**.

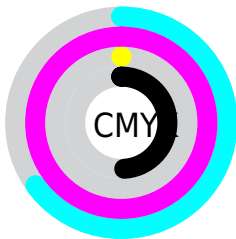
Distribution



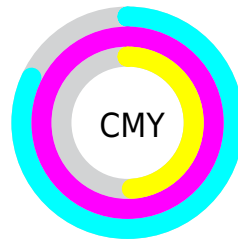
- Red (18%)
- Green (0%)
- Blue (51%)



- Red (18%)
- Yellow (0%)
- Blue (51%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (82%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.7295, 36.1665, -75.3001 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 14.7295, 36.1665, -75.3001 by changing the saturation by 10% instead.

14.7295, 36.1665,
-75.3001

14.7295, 36.1665,
-75.3001

108.3275, 50.6932,
-72.7848

8.3869, 35.3035,
-86.9306

30.3204, 39.9726,
-69.5488

0.0000, INF, -NF

0.0000, NaN, -NF

39.4100, 41.8255,
-69.1009

0.0000, NaN, -NF

49.2611, 43.5731,
-69.2529

0.0000, NaN, -NF

59.8188, 45.2077,
-69.7319

0.0000, NaN, NaN

0.0000, NaN, NaN


71.0387, 46.7314,
-70.3925


0.0000, NaN, NaN


82.8836, 48.1493,


0.0000, NaN, NaN

-71.1516

 95.3223, 49.4678,
-71.9595


 14.7295, 36.1665,
-75.3001


 14.7295, 36.1665,
-75.3001


 14.7299, 36.1668,
-75.2978

 16.3407, 33.3195,
-65.9756

 18.3705, 29.8974,
-56.3178

 20.9371, 25.7416,
-46.4533

 23.9376, 21.3582,
-37.1849

 27.2815, 17.0131,
-28.7889

■ 30.8988, 12.8106,
-21.2602

■ 34.7376, 8.7726,
-14.4872

■ 38.7597, 4.8872,
-8.3365

■ 42.9366, 1.1309,
-2.6857

Harmonies

Analogous

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



14.7299, 6.5813, -117.4397



14.7295, 36.1665, -75.3001



14.7299, 62.3428, -21.3916

Triad

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



14.7299, 36.1668, -75.2978



14.7299, 17.1430, 10.3109



14.7299, -25.7773, -7.1635

Complementary

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



14.7295, 36.1665, -75.3001



42.3041, -24.5442, 25.6379

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.



14.7299, -25.7773, 10.1292



14.7295, 36.1665, -75.3001



14.7299, -6.9417, 10.3109

Square

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



14.7299, 36.1668, -75.2978



14.7299, 47.6257, 10.3109



14.7299, -19.5015, 10.3109



14.7299, -22.7514, -53.2134

Rectangle

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



14.7295, 36.1665, -75.3001



14.7299, 68.7597, 0.2875



14.7299, -19.5015, 10.3109



14.7299, -25.7773, 1.2981

Sweetspot

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



14.7299, 36.1668, -75.2978



45.7443, 11.9994, -19.8083



28.9383, -4.9316, -25.5244



20.9020, 6.5934, -10.8841



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



14.7299, 36.1668, -75.2978



19.3541, 47.8094, -101.1738



21.9563, 44.9411, -42.7131



20.6845, 0.3778, -1.0444



14.4358, 35.4266, -73.6538

0.0000, NaN, NaN

Inverse Universe

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



23.2414, 42.6233, -6.8547



30.7967, 56.3983, -8.4562



40.1648, -33.3739, 24.1651



20.9473, 1.1505, 0.2136

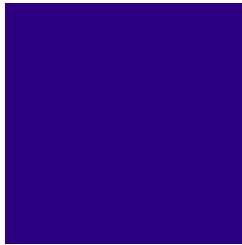


22.7610, 41.7473, -6.7521

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 14.7295, 36.1665, -75.3001 looks on a white background.

Color Contrast Check

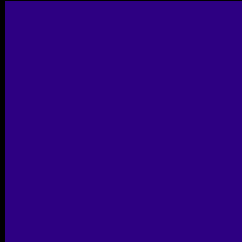
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7295, 36.1665, -75.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

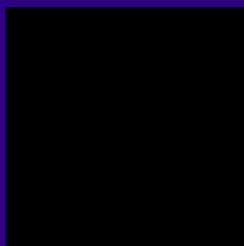
Any Text WCAG AA × Fail

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 14.7295, 36.1665, -75.3001 Background



This preview shows how black text looks on a background with the HunterLab color 14.7295, 36.1665, -75.3001.



This preview shows how white text looks on a background with the HunterLab color 14.7295, 36.1665, -75.3001.

-75.3001.

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

14.7295, 36.1665, -75.3001

Protanopia

15.7033, 3.3164, -26.7868

Deuteranopia

15.7347, -1.6534, -16.0977



Tritanopia

15.6351, -7.7460, -2.8212

Trichromacy



Original Color

14.7295, 36.1665, -75.3001

Protanomaly

13.8345, 16.5023, -48.4623

Deuteranomaly

13.5404, 12.7465, -39.8901

Tritanomaly

12.9202, 7.1157, -26.7414

Monochromacy



Original Color

14.7295, 36.1665, -75.3001

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.7441, 11.6033, -20.7741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.7295, 36.1665, -75.3001 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(45, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(45, 0, 130)  
}
```

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(45, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 0, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 14.7295, 36.1665, -75.3001 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(45, 0, 130) }
```


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

```
.border{ border-color:rgb(45, 0, 130) }
```

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

Here you see how a box with a 4 pixel rgb(45, 0, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(45, 0, 130)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.7295, 36.1665, -75.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 0, 130) }
```

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

```
.background{ background-color: rgb(45, 0,  
130) }
```

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