

Converting Colors

HunterLab(36.7230, 15.5835,
-14.8732)

Have a look what the booklet for
HunterLab(36.7230, 15.5835,
-14.8732) contains.

HunterLab(36.7024, 15.3044, -14.7435)	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(36.7024, 15.3044,
-14.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5B88
RGB	123, 91, 136
RGB Percent	48%, 36%, 53%
CMY	0.5176, 0.6431, 0.4667
CMYK	0.10, 0.33, 0.00, 0.47
HSL	283°, 20%, 45%
HSV	283°, 33%, 53%
XYZ	16.3534, 13.4707, 25.0307
YIQ	105.6980, 4.6270, 20.7790

Conversions

Conversions Part 2

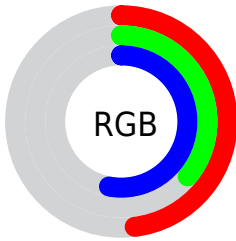
Format	Color
R_{YB}	123, 91, 136
Decimal	8084360
CIE _{Lab}	43.46, 21.78, -19.99
CIE _{LCh}	43, 29.567, 317.454
Yxy	13.4712, 0.2981, 0.2456
Android (android.graphics.Color)	4286274440 (0xFF7B5B88)
YUV	105.6980, 14.9389, 15.1739
Hunter-Lab	36.7024, 15.3044, -14.7435

Details

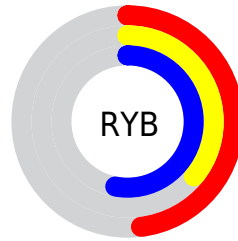
The HunterLab color $36.7024, 15.3044, -14.7435$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $46.1595, -17.3529, 15.4257$, and the grayscale version is $37.7942, -2.0166, 2.0534$.

A 20% lighter version of the original color is $56.7893, 16.1715, -14.9877$, and $19.7224, 13.7081, -14.0743$ is the 20% darker color. If you saturate the color by 10%, you get $33.2700, 20.8808, -20.6433$, and if you desaturate by 10%, it is $40.3815, 9.7700, -9.1455$.

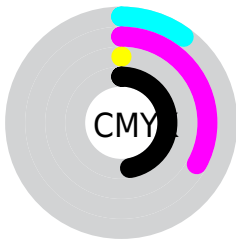
Distribution



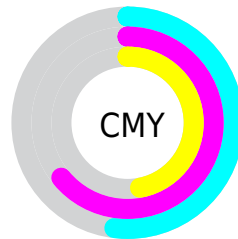
- Red (48%)
- Green (36%)
- Blue (53%)



- Red (48%)
- Yellow (36%)
- Blue (53%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7024, 15.3044, -14.7435 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 36.7024, 15.3044, -14.7435 by changing the saturation by 10% instead.

36.7024, 15.3044,
-14.7435

36.7024, 15.3044,
-14.7435

146.2587, 18.2192,
-15.7641

27.8457, 14.5225,
-14.3221

56.6990, 16.5166,
-15.3898

19.8440, 13.6009,
-13.8554

67.7317, 16.9768,
-15.6146

12.8018, 12.5183,
-13.4044

79.3995, 17.3533,
-15.7768

6.1934, 15.0293,
-15.6761

91.6696, 17.6542,
-15.8799

0.0000, NaN, -NF

0.0000, NaN, NaN

104.5137, 17.8862,
-15.9272

0.0000, NaN, NaN

117.9074, 18.0547,

0.0000, NaN, NaN

-15.9218

0.0000, NaN, NaN

131.8288, 18.1644,
-15.8665

■ 36.7024, 15.3044,
-14.7435

■ 36.7024, 15.3044,
-14.7435

■ 33.2700, 20.8808,
-20.6433

■ 40.3815, 9.7700,
-9.1455

■ 30.1276, 26.4045,
-26.8125

■ 44.2677, 4.3245,
-3.8439

■ 27.3305, 31.6936,
-33.1347

■ 48.3321, -1.0189,
1.1906

■ 24.9392, 36.4550,
-39.3700

■ 52.5512, -6.2621,
5.9926

■ 23.0112, 40.2870,
-45.1305

■ 56.9060, -11.4144,
10.5968

■ 21.5836, 42.7677,
-49.9366

■ 61.3811, -16.4879,
15.0349

■ 20.7440, 44.0937,
-53.0202

■ 65.9643, -21.4952,
19.3346

■ 70.6452, -26.4480,
23.5195

■ 75.4154, -31.3572,
27.6094

Harmonies

Analogous

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



36.7032, 4.7294, -23.4315



36.7024, 15.3044, -14.7435



36.7032, 21.5323, -2.7401

Triad

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



36.7032, 15.3035, -14.7426



36.7032, 2.8392, 16.9036



36.7032, -20.3387, -4.6979

Complementary

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



36.7024, 15.3044, -14.7435



46.1595, -17.3529, 15.4257

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.



36.7032, -20.7158, 6.1778



36.7024, 15.3044, -14.7435



36.7032, -8.2028, 16.6670

Square

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



36.7032, 15.3035, -14.7426



36.7032, 13.7775, 14.1190



36.7032, -16.5257, 13.3321



36.7032, -15.4249, -16.5410

Rectangle

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



36.7024, 15.3044, -14.7435



36.7032, 21.9446, 4.5589



36.7032, -16.5257, 13.3321



36.7032, -20.9771, -0.7622

Sweetspot

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



36.7032, 15.3035, -14.7426



60.2915, 3.6913, -3.1506



37.4217, 0.1447, -13.8427



28.7004, 2.1961, -1.9149



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.7032, 15.3035, -14.7426



45.1466, 26.0767, -25.6323



37.7481, 17.7597, -7.9663



22.4892, 1.0874, -0.9023



20.1932, 42.9128, -51.5350



1.8596, 3.7856, -3.4573

Inverse Universe

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



37.0357, 14.1990, 2.1026



45.7687, 24.2800, 3.1005



45.5553, -19.3044, 12.0407



22.5185, 0.9279, 1.1390



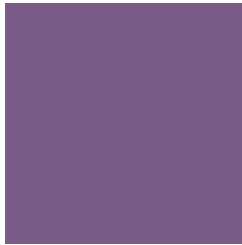
22.5743, 39.2878, 9.7134



1.9010, 3.4254, -0.0882

Previews

White Background



This preview shows how the HunterLab color 36.7024, 15.3044, -14.7435 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 36.7024, 15.3044, -14.7435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

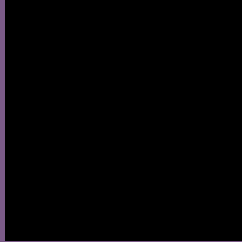
Any Text WCAG AA × Fail

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 36.7024, 15.3044, -14.7435 Background



This preview shows how black text looks on a background with the HunterLab color 36.7024, 15.3044, -14.7435.



This preview shows how white text looks on a background with the HunterLab color 36.7024, 15.3044, -14.7435.

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

36.7024, 15.3044, -14.7435

Protanopia

36.7350, 3.2757, -19.8927

Deuteranopia

36.7633, 2.5746, -13.6760



Tritanopia

36.6345, 5.5449, 1.0415

Trichromacy



Original Color

36.7024, 15.3044, -14.7435

Protanomaly

36.4654, 7.4668, -18.3716

Deuteranomaly

36.5552, 7.2802, -14.5248

Tritanomaly

36.6585, 8.8396, -3.9801

Monochromacy



Original Color

36.7024, 15.3044, -14.7435

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.4653, 3.7421, -3.4820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7024, 15.3044, -14.7435 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(123, 91, 136)` looks like.

```
.text, #text, p{  
    color:rgb(123, 91, 136)  
}
```

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(123, 91, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 91, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7024, 15.3044, -14.7435 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(123, 91, 136) }
```


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

```
.border{ border-color:rgb(123, 91, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 91, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 91, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 91, 136);  
box-shadow:4px 4px 4px 4px rgb(123, 91,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7024, 15.3044, -14.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 91, 136) }
```

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

```
.background{ background-color: rgb(123, 91,  
136) }
```

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