

Converting Colors

HunterLab(41.3847, 36.8023,
-24.8612)

Have a look what the booklet for
HunterLab(41.3847, 36.8023,
-24.8612) contains.

HunterLab(41.3596, 37.0260, -24.8959)	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(41.3596, 37.0260,
-24.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	A455A5
RGB	164, 85, 165
RGB Percent	64%, 33%, 65%
CMY	0.3569, 0.6667, 0.3529
CMYK	0.01, 0.48, 0.00, 0.35
HSL	299°, 32%, 49%
HSV	299°, 48%, 65%
XYZ	25.3499, 17.1062, 37.5631
YIQ	117.7410, 21.4040, 41.6280

Conversions

Conversions Part 2

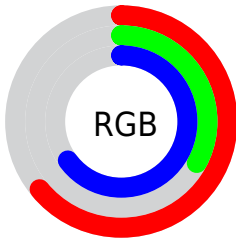
Format	Color
R_{YB}	164, 85, 165
Decimal	10769829
CIE _{Lab}	48.39, 44.29, -29.25
CIE _{LCh}	48, 53.072, 326.561
Yxy	17.1069, 0.3168, 0.2138
Android (android.graphics.Color)	4288959909 (0xFFA455A5)
YUV	117.7410, 23.2987, 40.5691
Hunter-Lab	41.3596, 37.0260, -24.8959

Details

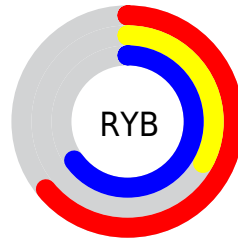
The HunterLab color $41.3596, 37.0260, -24.8959$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $54.3553, -32.9463, 23.5412$, and the grayscale version is $42.3711, -2.2608, 2.3021$.

A 20% lighter version of the original color is $61.9926, 40.3271, -25.8528$, and $23.6537, 33.7297, -23.9941$ is the 20% darker color. If you saturate the color by 10%, you get $38.4485, 44.8655, -30.4166$, and if you desaturate by 10%, it is $44.7625, 28.7240, -19.0654$.

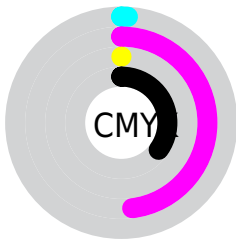
Distribution



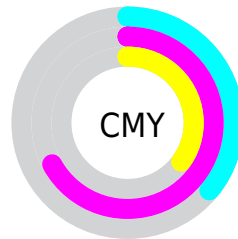
- Red (64%)
- Green (33%)
- Blue (65%)



- Red (64%)
- Yellow (33%)
- Blue (65%)



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3596, 37.0260, -24.8959 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 41.3596, 37.0260, -24.8959 by changing the saturation by 10% instead.

41.3596, 37.0260,
-24.8959

41.3596, 37.0260,
-24.8959

153.5538, 47.3470,
-28.0343

32.1104, 35.3545,
-24.3206

62.0560, 40.0101,
-25.9577

23.6759, 33.5775,
-23.7771

73.4062, 41.3340,
-26.4163

16.1453, 31.7493,
-23.3969

85.3747, 42.5548,
-26.8200

9.6438, 30.0887,
-23.5850

97.9311, 43.6798,
-27.1684

0.0000, INF, -NF

0.0000, NaN, -NF

111.0490, 44.7158,
-27.4623

0.0000, NaN, NaN

124.7054, 45.6687,

0.0000, NaN, NaN

-27.7034

0.0000, NaN, NaN

138.8797, 46.5442,
-27.8934

■ 41.3596, 37.0260,
-24.8959

■ 41.3596, 37.0260,
-24.8959

■ 38.4485, 44.8655,
-30.4166

■ 44.7625, 28.7240,
-19.0654

■ 36.0858, 51.8319,
-35.3447

■ 48.5912, 20.2694,
-13.1389

■ 34.3155, 57.4564,
-39.3542

■ 52.7875, 11.8548,
-7.2477

■ 33.1477, 61.3497,
-42.1726

■ 57.2991, 3.5874,
-1.4642

■ 32.4875, 63.5678,
-43.8344

■ 62.0822, -4.4845,
4.1797

■ 32.3987, 63.8685,
-44.0620

■ 67.1002, -12.3484,
9.6765

■ 72.3231, -20.0118,
15.0322

■ 77.7264, -27.4918,
20.2594

■ 83.2899, -34.8095,
25.3733

Harmonies

Analogous

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



41.3605, 17.3723, -48.7289



41.3596, 37.0260, -24.8959



41.3605, 46.1270, -0.1120

Triad

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



41.3605, 37.0245, -24.8946



41.3605, 0.2332, 25.1361



41.3605, -32.4063, -18.7907

Complementary

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



41.3596, 37.0260, -24.8959



54.3553, -32.9463, 23.5412

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.



41.3605, -35.2077, 4.4830



41.3596, 37.0260, -24.8959



41.3605, -18.7128, 23.9439

Square

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



41.3605, 37.0245, -24.8946



41.3605, 22.3908, 23.1529



41.3605, -30.7239, 18.2814



41.3605, -22.1349, -44.1414

Rectangle

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



41.3596, 37.0260, -24.8959



41.3605, 43.8762, 11.7460



41.3605, -30.7239, 18.2814



41.3605, -34.1521, -10.2175

Sweetspot

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



41.3605, 37.0245, -24.8946



72.5367, 12.2899, -7.1979



33.7012, 14.6082, -41.6040



33.3631, 6.7841, -4.0916



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



41.3605, 37.0245, -24.8946



51.2494, 60.6202, -41.1135



40.0151, 30.5810, -4.2226



26.8284, 1.9895, -0.8991



28.1826, 55.5556, -38.3158



4.1014, 8.0767, -5.5113

Inverse Universe

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



38.9474, 25.5476, 11.0427



47.3252, 42.9837, 17.3675



55.0353, -28.7876, 12.9836



26.6220, 0.8638, 2.1706



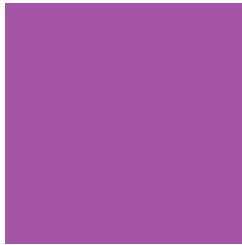
24.6081, 42.1582, 15.7758



3.5728, 6.1321, 2.2026

Previews

White Background



This preview shows how the HunterLab color 41.3596, 37.0260, -24.8959 looks on a white background.

Color Contrast Check

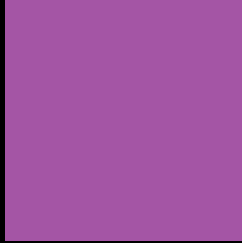
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3596, 37.0260, -24.8959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

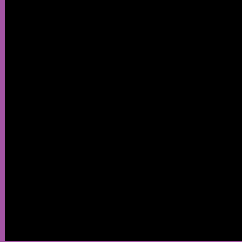
Any Text WCAG AA × Fail

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 41.3596, 37.0260, -24.8959 Background



This preview shows how black text looks on a background with the HunterLab color 41.3596, 37.0260, -24.8959.



This preview shows how white text looks on a background with the HunterLab color 41.3596, 37.0260, -24.8959.

-24.8959.

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

41.3596, 37.0260, -24.8959

Protanopia

41.7321, 7.5390, -42.5527

Deuteranopia

41.6406, 3.1288, -21.6405



Tritanopia

41.3913, 17.9897, 6.2880

Trichromacy



Original Color

41.3596, 37.0260, -24.8959

Protanomaly

40.7102, 16.5725, -37.5115

Deuteranomaly

40.7360, 14.9649, -24.3881

Tritanomaly

41.2448, 24.4649, -3.0203

Monochromacy



Original Color

41.3596, 37.0260, -24.8959

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

41.4828, 11.3946, -7.0002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3596, 37.0260, -24.8959 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(164, 85, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 85, 165)  
}
```

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(164, 85, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 85, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3596, 37.0260, -24.8959 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(164, 85, 165) }
```


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

```
.border{ border-color:rgb(164, 85, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 85, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 85, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 85, 165); box-shadow:4px 4px 4px 4px rgb(164, 85, 165) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3596, 37.0260, -24.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 85, 165) }
```

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

```
.background{ background-color: rgb(164, 85,  
165) }
```

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