

Converting Colors

HunterLab(42.8229, 50.4010,
-93.2339)

Have a look what the booklet for
HunterLab(42.8229, 50.4010,
-93.2339) contains.

HunterLab(42.7935, 50.7536, -93.5416)	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(42.7935, 50.7536,
-93.5416)**

Conversions

Conversions Part 1

Format	Color
Hex	8954F6
RGB	137, 84, 246
RGB Percent	54%, 33%, 96%
CMY	0.4627, 0.6706, 0.0353
CMYK	0.44, 0.66, 0.00, 0.04
HSL	260°, 90%, 65%
HSV	260°, 66%, 96%
XYZ	30.1214, 18.3128, 89.1360
YIQ	118.3150, -20.4140, 61.6180

Conversions

Conversions Part 2

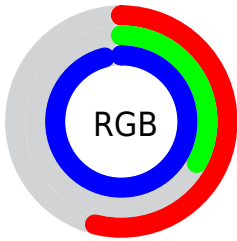
Format	Color
R _{YB}	137, 84, 246
Decimal	9000182
CIE Lab	49.87, 56.95, -73.52
CIE LCh	50, 92.999, 307.765
Yxy	18.3134, 0.2190, 0.1331
Android (android.graphics.Color)	4287190262 (0xFF8954F6)
YUV	118.3150, 62.9487, 16.3867
Hunter-Lab	42.7935, 50.7536, -93.5416

Details

The HunterLab color $42.7935, 50.7536, -93.5416$ is a light color, and the websafe version is hex $9966FF$. The color can be described as light muted purple. A complement of this color would be $88.2547, -40.0751, 48.0457$, and the grayscale version is $42.4559, -2.2653, 2.3067$.

A 20% lighter version of the original color is $60.8125, 40.4040, -54.0594$, and $24.8188, 46.4347, -97.5512$ is the 20% darker color. If you saturate the color by 10%, you get $37.2139, 59.7219, -114.9354$, and if you desaturate by 10%, it is $49.3282, 41.4234, -73.6761$.

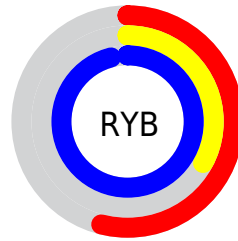
Distribution



Red (54%)

Green (33%)

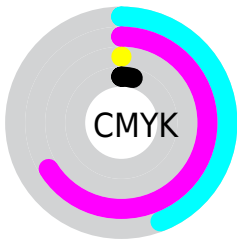
Blue (96%)



Red (54%)

Yellow (33%)

Blue (96%)

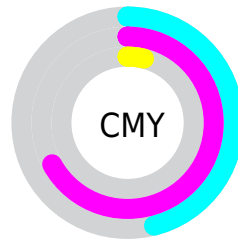


Cyan (44%)

Magenta (66%)

Yellow (0%)

Black (4%)



Cyan (46%)

Magenta (67%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7935, 50.7536, -93.5416 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 42.7935, 50.7536, -93.5416 by changing the saturation by 10% instead.

42.7935, 50.7536,
-93.5416

42.7935, 50.7536,
-93.5416

155.7664, 64.7457,
-98.6814

33.4294, 48.7181,
-94.8890

63.6951, 54.5512,
-93.2369

24.8693, 46.6414,
-97.9247

75.1389, 56.2932,
-93.6856

17.1982, 44.6569,
-104.3582

87.1961, 57.9321,
-94.3377

10.5344, 43.1829,
-118.9002

99.8372, 59.4723,
-95.1149

0.0000, INF, -NF

0.0000, NaN, -NF

113.0361, 60.9187,
-95.9665

0.0000, NaN, -NF

126.7704, 62.2766,

0.0000, NaN, -NF

-96.8590

141.0198, 63.5507,
-97.7692

■ 42.7935, 50.7536,
-93.5416

■ 42.7935, 50.7536,
-93.5416

■ 37.2139, 59.7219,
-114.9354

■ 49.3282, 41.4234,
-73.6761

■ 32.8351, 67.1778,
-136.0278

■ 56.6057, 32.2805,
-55.8786

■ 29.8638, 71.5170,
-153.4469

■ 64.4682, 23.5102,
-40.0494

■ 28.9493, 72.5604,
-159.4601

■ 72.8013, 15.1271,
-25.8830

■ 81.5220, 7.0841,
-13.0542

90.5700, -0.6814,
-1.2800

99.5143, -7.5984,
9.2404

99.7165, -6.8910,
9.4828

Harmonies

Analogous

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



42.7942, 7.7857, -134.2212



42.7935, 50.7536, -93.5416



42.7942, 85.7933, -32.1301

Triad

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



42.7942, 50.7544, -93.5399



42.7942, 28.1944, 29.9559



42.7942, -52.5138, -7.8913

Complementary

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



42.7935, 50.7536, -93.5416



88.2547, -40.0751, 48.0457

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.



42.7942, -50.3240, 20.8745



42.7935, 50.7536, -93.5416



42.7942, -11.5040, 29.9559

Square

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



42.7942, 50.7544, -93.5399



42.7942, 69.9740, 26.5329



42.7942, -37.7983, 28.7479



42.7942, -45.3403, -63.5577

Rectangle

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



42.7935, 50.7536, -93.5416



42.7942, 94.8764, -0.4029



42.7942, -37.7983, 28.7479



42.7942, -52.7864, 4.8926

Sweetspot

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



42.7942, 50.7544, -93.5399



81.0732, 10.8464, -19.0411



68.8730, -17.5352, -32.9255



36.3272, 6.1118, -10.5585

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.7942, 50.7544, -93.5399



37.1097, 65.0238, -127.1491



52.5732, 71.6924, -64.6782



40.2368, 0.9727, -2.5123



21.3088, 53.1586, -115.4271



6.7269, 16.1601, -31.6230

Inverse Universe

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



54.5745, 70.6551, -19.9436



52.4734, 84.1536, -20.6480



83.7313, -58.1515, 44.6375



40.8297, 2.7357, 0.1390



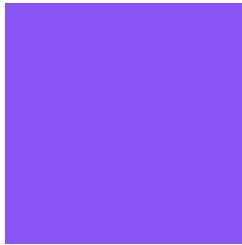
34.5613, 63.4894, -11.0169



10.3378, 19.1505, -4.5341

Previews

White Background



This preview shows how the HunterLab color 42.7935, 50.7536, -93.5416 looks on a white background.

Color Contrast Check

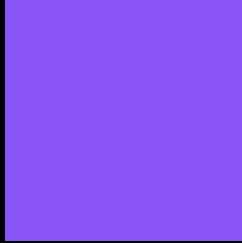
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7935, 50.7536, -93.5416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

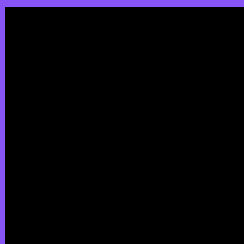
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.7935, 50.7536, -93.5416 Background



This preview shows how black text looks on a background with the HunterLab color 42.7935, 50.7536, -93.5416.



This preview shows how white text looks on a background with the HunterLab color 42.7935, 50.7536, -93.5416.

-93.5416.

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

42.7935, 50.7536, -93.5416

Protanopia

42.9481, 16.4608, -89.2156

Deuteranopia

42.8111, 2.0919, -58.0259



Tritanopia

42.6686, -4.1241, -2.6394

Trichromacy



Original Color

42.7935, 50.7536, -93.5416



Protanomaly

41.0483, 25.3259, -96.7388



Deuteranomaly

40.9035, 15.6855, -75.7141



Tritanomaly

41.7323, 13.8474, -29.4926

Monochromacy



Original Color

42.7935, 50.7536, -93.5416



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

41.6949, 14.3812, -24.6753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7935, 50.7536, -93.5416 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(137, 84, 246)` looks like.

```
.text, #text, p{  
    color:rgb(137, 84, 246)  
}
```

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(137, 84, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 84, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7935, 50.7536, -93.5416 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(137, 84, 246) }
```


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

```
.border{ border-color:rgb(137, 84, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 84, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 84, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 84, 246);  
box-shadow:4px 4px 4px 4px rgb(137, 84,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7935, 50.7536, -93.5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 84, 246) }
```

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

```
.background{ background-color: rgb(137, 84,  
246) }
```

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