

Converting Colors

RGB(86, 42, 126)

Have a look what the booklet for
RGB(86, 42, 126) contains.

RGB(86, 42, 126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(86, 42, 126)

Conversions

Conversions Part 1	
Format	Color
Hex	562A7E
RGB	86, 42, 126
RGB Percent	34%, 16%, 49%
CMY	0.6627, 0.8353, 0.5059
CMYK	0.32, 0.67, 0.00, 0.51
HSL	271°, 50%, 33%
HSV	271°, 67%, 49%
XYZ	8.4316, 5.1407, 20.2865
YIQ	64.7320, -0.7400, 35.4520

Conversions

Conversions Part 2

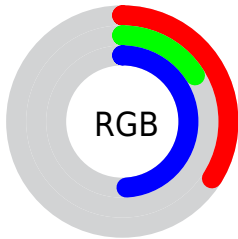
Format	Color
RYB	86, 42, 126
Decimal	5646974
CIELab	27.13, 37.08, -39.86
CIELCh	27, 54.444, 312.928
Yxy	5.1407, 0.2490, 0.1518
Android (android.graphics.Color)	4283837054 (0xFF562A7E)
YUV	64.7320, 30.2051, 18.6520
Hunter-Lab	22.6732, 26.7019, -37.1778

Details


The RGB color **86, 42, 126** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **82, 126, 42**, and the grayscale version is **64, 64, 64**.

A 20% lighter version of the original color is **139, 90, 179**, and **35, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **80, 29, 126**, and if you desaturate by 10%, it is **92, 55, 126**.

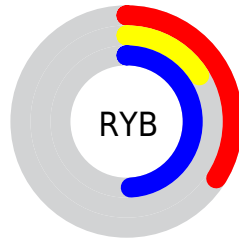
Distribution



 Red (34%)

 Green (16%)

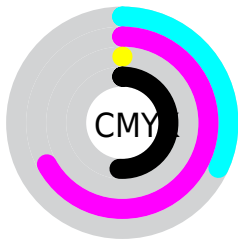
 Blue (49%)





 Red (34%)

 Yellow (16%)

 Blue (49%)

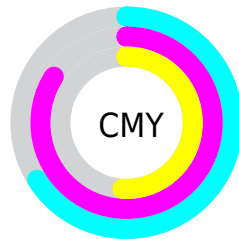



 Cyan (32%)

 Magenta (67%)

 Yellow (0%)

 Black (51%)



 Cyan (66%)

 Magenta (84%)

















 Yellow (51%)


Brightness & Saturation

Gradients

These gradients show how the RGB color 86, 42, 126 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 RGB color 86, 42, 126 by changing the saturation by 10% instead.

 86, 42, 126	 86, 42, 126
 255, 255, 255	 60, 18, 101
 139, 90, 179	 35, 0, 76
 166, 116, 207	 10, 0, 53
 194, 142, 236	 0, 2, 31
 223, 169, 255	 0, 0, 1
 252, 196, 255	 0, 0, 0
 255, 224, 255	
 255, 253, 255	

 86, 42, 126	 86, 42, 126
---	---

 80, 29, 126

 92, 55, 126

 74, 17, 126

 98, 67, 126


 68, 4, 126

 104, 80, 126

 66, 0, 126


 110, 92, 126

 116, 105, 126

 122, 118, 126

 128, 130, 126

 134, 143, 126

 140, 155, 126

Harmonies

Analogous

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



0, 64, 147



86, 42, 126



124, 4, 90

Triad

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



86, 42, 126



99, 53, 0



0, 81, 82

Complementary

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



86, 42, 126



82, 126, 42

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.



0, 80, 38



86, 42, 126



63, 68, 0

Square

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



86, 42, 126



124, 28, 5



0, 76, 0



0, 81, 121

Rectangle

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



86, 42, 126



134, 0, 62



0, 76, 0



0, 81, 67

Sweetspot

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



86, 42, 126



148, 131, 163



42, 83, 126



72, 62, 82



209, 209, 209



82, 82, 82

Same Dimension

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



86, 42, 126



101, 33, 163



126, 42, 125



61, 57, 64



67, 0, 128



0, 0, 0

Inverse Universe

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



126, 42, 82



163, 33, 95



42, 126, 43



64, 57, 60



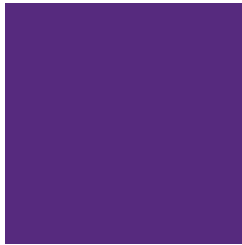
128, 0, 61



0, 0, 0

Previews

White Background



This preview shows how the RGB color 86, 42, 126 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 RGB color 86, 42, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

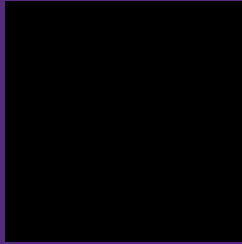
Any Text WCAG AA × Fail

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](#).

RGB 86, 42, 126 Background



This preview shows how black text looks on a background with the RGB color 86, 42, 126.



This preview shows how white text looks on a background with the RGB color 86, 42, 126.

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

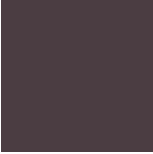
86, 42, 126

Protanopia

0, 62, 132

Deuteranopia

0, 66, 116



Tritanopia

75, 61, 66

Trichromacy



Original Color

86, 42, 126



Protanomaly

31, 55, 130



Deuteranomaly

31, 57, 120



Tritanomaly

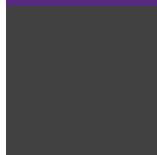
79, 54, 88

Monochromacy



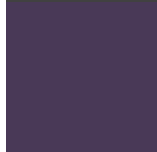
Original Color

86, 42, 126



Achromatopsia

65, 65, 65



Achromatomaly

73, 57, 87

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 42, 126 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(86, 42, 126) looks like.

```
.text, #text, p{  
    color:rgb(86, 42, 126)  
}
```

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(86, 42, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 42, 126) }
```

Border

The CSS property to change the border of an element to RGB 86, 42, 126 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(86, 42, 126) }
```

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

```
.border{ border-color:rgb(86, 42, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 42, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 42, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 42, 126);  
box-shadow:4px 4px 4px 4px rgb(86, 42,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 86, 42, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 42, 126) }
```

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

```
.background{ background-color: rgb(86, 42,  
126) }
```

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](#).

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