

Converting Colors

RGB(98, 40, 144)

Have a look what the booklet for
RGB(98, 40, 144) contains.

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Color

RGB(98, 40, 144)

Conversions

Conversions Part 1

Format	Color
Hex	622890
RGB	98, 40, 144
RGB Percent	38%, 16%, 56%
CMY	0.6157, 0.8431, 0.4353
CMYK	0.32, 0.72, 0.00, 0.44
HSL	273°, 57%, 36%
HSV	273°, 72%, 56%
XYZ	10.8298, 6.1279, 26.9976
YIQ	69.1980, 1.1840, 44.6400

Conversions

Conversions Part 2

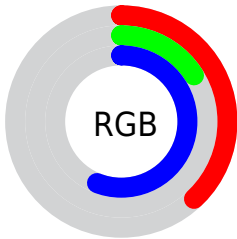
Format	Color
RYB	98, 40, 144
Decimal	6432912
CIELab	29.73, 45.28, -46.80
CIElCh	30, 65.114, 314.053
Yxy	6.1279, 0.2464, 0.1394
Android (android.graphics.Color)	4284622992 (0xFF622890)
YUV	69.1980, 36.8774, 25.2594
Hunter-Lab	24.7545, 34.7713, -47.3341

Details

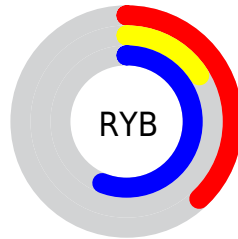
The RGB color **98, 40, 144** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **86, 144, 40**, and the grayscale version is **69, 69, 69**.

A 20% lighter version of the original color is **152, 90, 199**, and **44, 0, 93** is the 20% darker color. If you saturate the color by 10%, you get **92, 26, 144**, and if you desaturate by 10%, it is **104, 54, 144**.

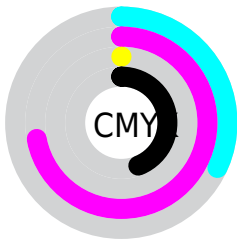
Distribution



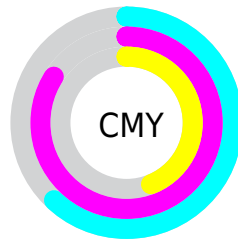
- Red (38%)
- Green (16%)
- Blue (56%)



- Red (38%)
- Yellow (16%)
- Blue (56%)



- Cyan (32%)
- Magenta (72%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (84%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 40, 144 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 98, 40, 144 by changing the saturation by 10% instead.



98, 40, 144



98, 40, 144

255, 255, 255



71, 12, 118



152, 90, 199



44, 0, 93



180, 116, 227



22, 0, 69



209, 143, 255



0, 3, 45



238, 170, 255



0, 1, 23



255, 198, 255



0, 0, 0



255, 226, 255



98, 40, 144



98, 40, 144



92, 26, 144



104, 54, 144

85, 11, 144

111, 69, 144

80, 0, 144

117, 83, 144

123, 98, 144

130, 112, 144

136, 126, 144

143, 141, 144

149, 155, 144

155, 170, 144

Harmonies

Analogous

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



0, 69, 170



98, 40, 144



143, 0, 99

Triad

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



98, 40, 144



108, 58, 0



0, 90, 93

Complementary

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



98, 40, 144



86, 144, 40

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, 88, 40



98, 40, 144



65, 75, 0

Square

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



98, 40, 144



140, 22, 0



0, 84, 0



0, 89, 140

Rectangle

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



98, 40, 144



154, 0, 66



0, 84, 0



0, 90, 76

Sweetspot

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



98, 40, 144



168, 145, 186



40, 87, 144



83, 70, 94



222, 222, 222



94, 94, 94

Same Dimension

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



98, 40, 144



115, 24, 186



144, 40, 139



68, 64, 71



75, 0, 135



4, 0, 8

Inverse Universe

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



144, 40, 86



186, 24, 96



40, 144, 45



71, 64, 67



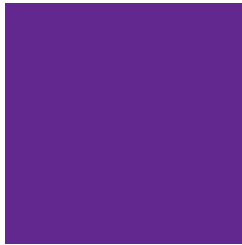
135, 0, 60



8, 0, 3

Previews

White Background



This preview shows how the RGB color 98, 40, 144 looks on a white background.

Color Contrast Check

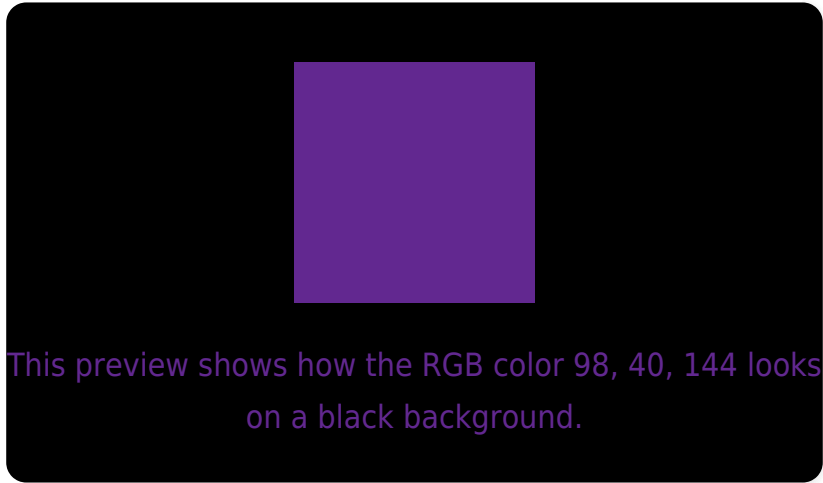
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

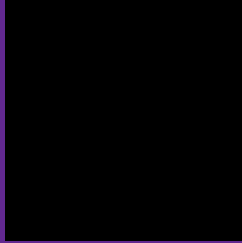
Any Text WCAG AA × Fail

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 98, 40, 144 Background



This preview shows how black text looks on a background with the RGB color 98, 40, 144.



This preview shows how white text looks on a background with the RGB color 98, 40, 144.

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

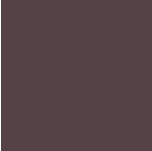
98, 40, 144

Protanopia

0, 68, 144

Deuteranopia

0, 72, 126



Tritanopia

84, 66, 71

Trichromacy



Original Color

98, 40, 144

Protanomaly

36, 58, 144

Deuteranomaly

36, 60, 133

Tritanomaly

89, 57, 98

Monochromacy



Original Color

98, 40, 144

Achromatopsia

69, 69, 69

Achromatomaly

80, 58, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 40, 144 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(98, 40, 144) looks like.

```
.text, #text, p{  
    color:rgb(98, 40, 144)  
}
```

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(98, 40, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 40, 144) }
```

Border

The CSS property to change the border of an element to RGB 98, 40, 144 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(98, 40, 144) }
```

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

```
.border{ border-color:rgb(98, 40, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 40, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 40, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 40, 144);  
box-shadow:4px 4px 4px 4px rgb(98, 40,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 98, 40, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 40, 144) }
```

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

```
.background{ background-color: rgb(98, 40,  
144) }
```

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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