Converting Colors

RGB(98, 18, 145)

Have a look what the booklet for RGB(98, 18, 145) contains.

Color

RGB(98, 18, 145)

Conversions

Conversions Part 1

Format	Color
Hex	621291
RGB	98, 18, 145
RGB Percent	38%, 7%, 57%
CMY	0.6157, 0.9294, 0.4314
CMYK	0.32, 0.88, 0.00, 0.43
HSL	278°, 78%, 32%
HSV	278°, 88%, 57%
XYZ	10.3641, 5.0736, 27.2211
YIQ	56.3980, 6.9130, 56.4570

Conversions

Conversions Part 2

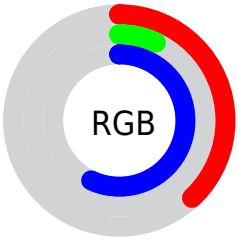
Format	Color
RYB	98, 18, 145
Decimal	6427281
CIELab	26.94, 53.77, -51.95
CIELCh	27, 74.770, 315.986
Yxy	5.0736, 0.2430, 0.1189
Android (android.graphics.Color)	4284617361 (0xFF621291)
YUV	56.3980, 43.6808, 36.4850
Hunter-Lab	22.5247, 42.7139, -55.8848

Details

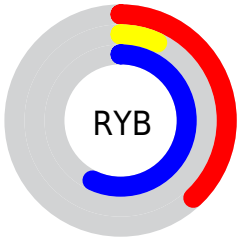
The RGB color 98, 18, 145 is a dark color, and the websafe version is hex 660099. A complement of this color would be 65, 145, 18, and the grayscale version is 56, 56, 56.

A 20% lighter version of the original color is 153, 75, 200, and 43, 0, 93 is the 20% darker color. If you saturate the color by 10%, you get 93, 3, 145, and if you desaturate by 10%, it is 103, 32, 145.

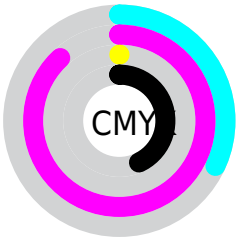
Distribution



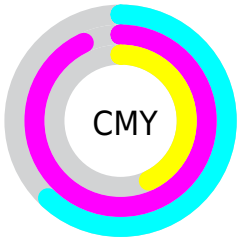
- Red (38%)
- Green (7%)
- Blue (57%)



- Red (38%)
- Yellow (7%)
- Blue (57%)



- Cyan (32%)
- Magenta (88%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (93%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 18, 145 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, 18, 145 by changing the saturation by 10% instead.

98, 18, 145

255, 255, 255

153, 75, 200

182, 101, 228

211, 128, 255

240, 155, 255

255, 183, 255

255, 211, 255

255, 240, 255

98, 18, 145

71, 0, 119

43, 0, 93

15, 0, 69

0, 3, 45

0, 1, 24

0, 0, 0

98, 18, 145

98, 18, 145

93, 3, 145

91, 0, 145

103, 32, 145

109, 47, 145

114, 61, 145

119, 76, 145

125, 91, 145

130, 105, 145

136, 119, 145

141, 134, 145

146, 148, 145

Harmonies

Analogous

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

0, 62, 177

98, 18, 145

147, 0, 93

Triad

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

98, 18, 145

100, 51, 0

0, 84, 94

Complementary

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

98, 18, 145

65, 145, 18

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, 83, 33

98, 18, 145

50, 71, 0

Square

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

98, 18, 145

137, 0, 0

0, 79, 0

0, 84, 147

Rectangle

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

98, 18, 145

156, 0, 55

0, 79, 0

0, 84, 74

Sweetspot

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

98, 18, 145

171, 140, 189

18, 67, 145

84, 65, 94

222, 222, 222

94, 94, 94

Same Dimension

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

98, 18, 145

119, 0, 189

145, 18, 130

69, 64, 71

85, 0, 135

5, 0, 8

Inverse Universe

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

145, 18, 65

189, 0, 70

18, 145, 33

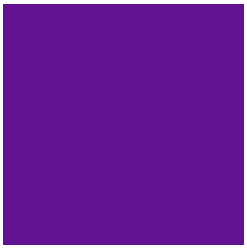
71, 64, 67

135, 0, 50

8, 0, 3

Previews

White Background

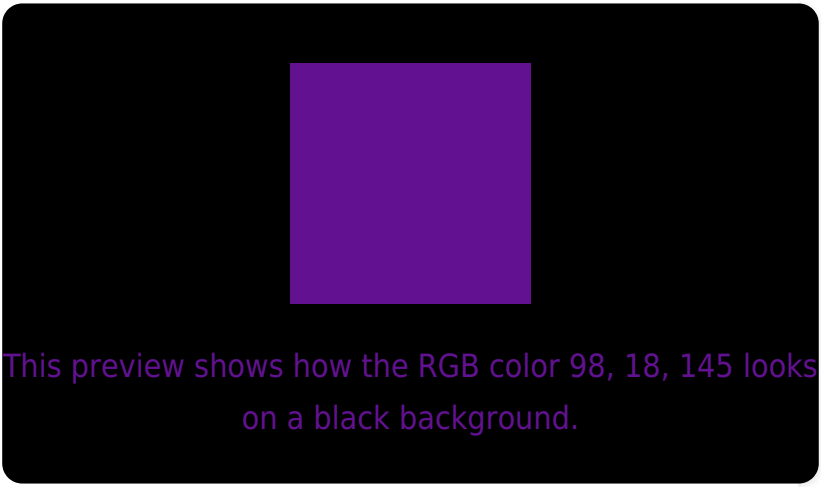


This preview shows how the RGB color 98, 18, 145 looks on a white background.

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

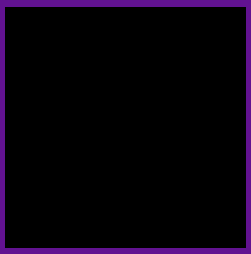


Color Contrast Check

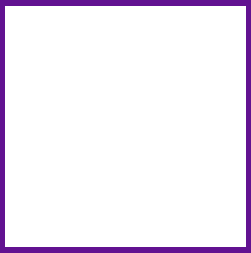
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 98, 18, 145 Background



This preview shows how black text looks on a background with the RGB color 98, 18, 145.



This preview shows how white text looks on a background with the RGB color 98, 18, 145.

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, 18, 145

Protanopia
0, 63, 133

Deuteranopia
0, 67, 115

Tritanopia
83, 58, 63

Trichromacy

Original Color
98, 18, 145

Protanomaly
36, 47, 137

Deuteranomaly
36, 49, 126

Tritanomaly
88, 43, 93

Monochromacy

Original Color
98, 18, 145

Achromatopsia
56, 56, 56

Achromatomaly
71, 42, 88

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 18, 145 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, 18, 145) looks like.

```
.text, #text, p{
    color:rgb(98, 18, 145)
}
```

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, 18, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 18, 145) }
```

Border

The CSS property to change the border of an element to RGB 98, 18, 145 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, 18, 145) }
```

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

```
.border{ border-color:rgb(98, 18, 145) }
```

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

Here you see how a box with a 4 pixel rgb(98, 18, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 18, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 18, 145); box-shadow:4px 4px 4px 4px rgb(98, 18, 145) }
```

Background

The CSS property to change the background color of an element to RGB 98, 18, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(98, 18, 145) }
```

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

```
.background{ background-color:rgb(98, 18,
145) }
```

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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