

Converting Colors

RGB(78, 62, 154)

Have a look what the booklet for
RGB(78, 62, 154) contains.

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Color

RGB(78, 62, 154)

Conversions

Conversions Part 1

Format	Color
Hex	4E3E9A
RGB	78, 62, 154
RGB Percent	31%, 24%, 60%
CMY	0.6941, 0.7569, 0.3961
CMYK	0.49, 0.60, 0.00, 0.40
HSL	250°, 43%, 42%
HSV	250°, 60%, 60%
XYZ	10.6972, 7.3980, 31.4360
YIQ	77.2720, -19.9960, 32.0040

Conversions

Conversions Part 2

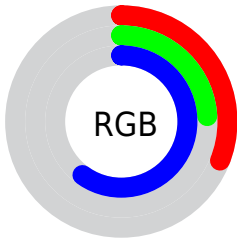
Format	Color
R_{YB}	78, 62, 154
Decimal	5127834
CIE _{Lab}	32.70, 31.51, -48.23
CIE _{LCh}	33, 57.607, 303.157
Yxy	7.3980, 0.2160, 0.1494
Android (android.graphics.Color)	4283317914 (0xFF4E3E9A)
YUV	77.2720, 37.8269, 0.6385
Hunter-Lab	27.1993, 22.6035, -49.4857

Details

The RGB color **78, 62, 154** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **138, 154, 62**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **133, 110, 209**, and **17, 18, 102** is the 20% darker color. If you saturate the color by 10%, you get **65, 47, 154**, and if you desaturate by 10%, it is **91, 77, 154**.

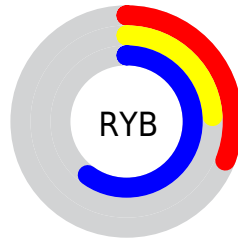
Distribution



Red (31%)

Green (24%)

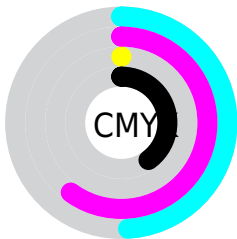
Blue (60%)



Red (31%)

Yellow (24%)

Blue (60%)

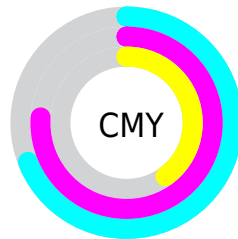


Cyan (49%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (69%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 62, 154 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 78, 62, 154 by changing the saturation by 10% instead.



78, 62, 154



78, 62, 154

255, 255, 255



50, 40, 128



133, 110, 209



17, 18, 102



160, 136, 238



0, 0, 77



189, 162, 255



0, 5, 54



217, 189, 255



0, 2, 31



247, 217, 255



0, 0, 3



255, 246, 255



0, 0, 0



78, 62, 154



78, 62, 154



65, 47, 154



91, 77, 154

■ 53, 31, 154

■ 103, 93, 154

■ 40, 16, 154

■ 116, 108, 154

■ 27, 0, 154

■ 129, 124, 154

■ 27, 0, 154

■ 142, 139, 154

■ 154, 154, 154

■ 167, 170, 154

■ 180, 185, 154

■ 192, 201, 154

Harmonies

Analogous

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



0, 82, 169



78, 62, 154



133, 33, 119

Triad

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



78, 62, 154



126, 58, 0



0, 96, 81

Complementary

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



78, 62, 154



138, 154, 62

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, 93, 32



78, 62, 154



91, 77, 0

Square

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



78, 62, 154



149, 30, 30



42, 88, 0



0, 96, 126

Rectangle

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



78, 62, 154



150, 9, 89



42, 88, 0



0, 95, 65

Sweetspot

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



78, 62, 154



171, 165, 201



62, 139, 154



83, 80, 102



230, 230, 230



102, 102, 102

Same Dimension

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



78, 62, 154



82, 56, 201



123, 62, 154



70, 69, 77



24, 0, 140



2, 0, 13

Inverse Universe

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



154, 62, 138



201, 56, 176



93, 154, 62



77, 69, 75



140, 0, 116



13, 0, 11

Previews

White Background



This preview shows how the RGB color 78, 62, 154 looks on a white background.

Color Contrast Check

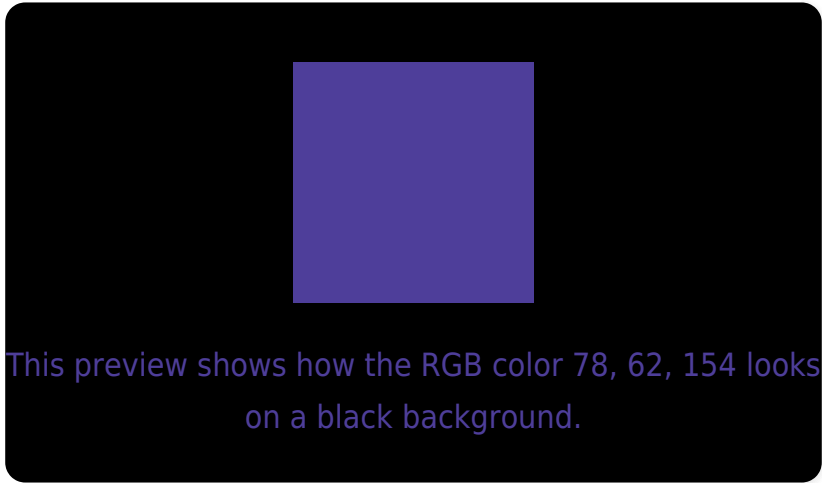
Large Text (above 18pt) WCAG AA ✓ Pass

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

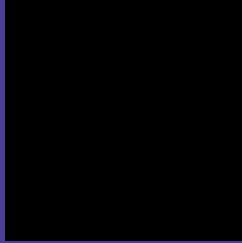
Any Text WCAG AA × Fail

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 78, 62, 154 Background



This preview shows how black text looks on a background with the RGB color 78, 62, 154.

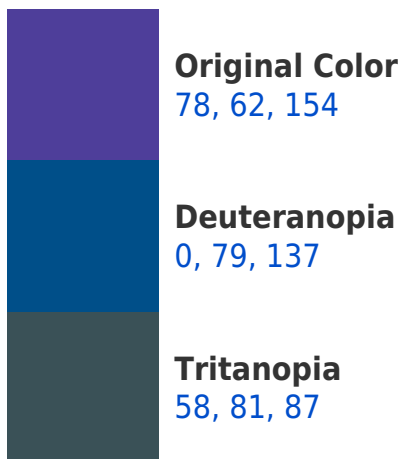


This preview shows how white text looks on a background with the RGB color 78, 62, 154.

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



Trichromacy



Original Color

78, 62, 154

Deuteranomaly

28, 73, 143

Tritanomaly

65, 74, 111

Monochromacy



Original Color

78, 62, 154

Achromatopsia

77, 77, 77

Achromatomaly

77, 72, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 62, 154 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(78, 62, 154) looks like.

```
.text, #text, p{  
    color:rgb(78, 62, 154)  
}
```

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(78, 62, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 62, 154) }
```

Border

The CSS property to change the border of an element to RGB 78, 62, 154 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(78, 62, 154) }
```

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

```
.border{ border-color:rgb(78, 62, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 62, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 62, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 62, 154);  
box-shadow:4px 4px 4px 4px rgb(78, 62,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 78, 62, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 62, 154) }
```

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

```
.background{ background-color: rgb(78, 62,  
154) }
```

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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