

Converting Colors

Hex(604980)

Have a look what the booklet for
Hex(604980) contains.

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Color

Hex(604980)

Conversions

Conversions Part 1

Format	Color
Hex	604980
RGB	96, 73, 128
RGB Percent	38%, 29%, 50%
CMY	0.6235, 0.7137, 0.4980
CMYK	0.25, 0.43, 0.00, 0.50
HSL	265°, 27%, 39%
HSV	265°, 43%, 50%
XYZ	11.1027, 8.8104, 21.5375
YIQ	86.1470, -3.9470, 21.9810

Conversions

Conversions Part 2

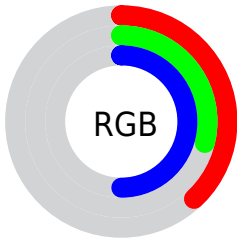
Format	Color
R_{YB}	96, 73, 128
Decimal	6310272
CIE _{Lab}	35.62, 21.93, -27.54
CIE _{LCh}	36, 35.204, 308.537
Yxy	8.8104, 0.2679, 0.2126
Android (android.graphics.Color)	4284500352 (0xFF604980)
YUV	86.1470, 20.6335, 8.6411
Hunter-Lab	29.6823, 14.8240, -22.2432

Details

The Hex color **604980** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **698049**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **947AB5**, and **2F1C4E** is the 20% darker color. If you saturate the color by 10%, you get **593C80**, and if you desaturate by 10%, it is **675680**.

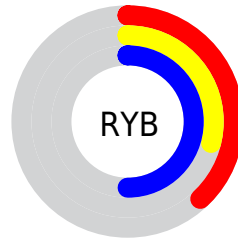
Distribution



Red (38%)

Green (29%)

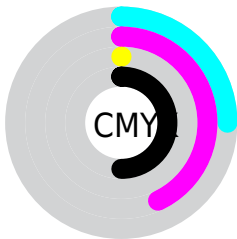
Blue (50%)



Red (38%)

Yellow (29%)

Blue (50%)

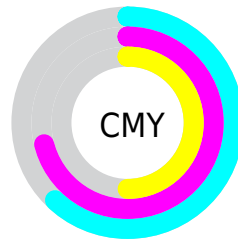


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 604980 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 Hex color 604980 by changing the saturation by 10% instead.

■ 604980

■ 604980

FFFFFF

■ 473267

■ 947AB5

■ 2F1C4E

■ AF94D1

■ 190637

■ CBAFED

■ 000021

■ E7CAFF

■ 000007

■ FFE6FF

■ 000000

■ 604980

■ 604980

■ 593C80

■ 675680

■ 512F80

■ 6F6380

■ 4A2380

■ 766F80

■ 421680

■ 7E7C80

■ 3B0980

■ 858980

■ 360080

■ 8D9680

■ 94A380

■ 9CAF80

■ A3BC80

Harmonies

Analogous

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



2D548B



604980



7C3E69

Triad

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



604980



744B1E



00625B

Complementary

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



604980



698049

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.



0A603E



604980



5C5518

Square

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



604980



844032



3E5C25



006176

Rectangle

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



604980



863B56



3E5C25



006151

Sweetspot

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



604980



9990A6



496980



4C4754



D4D4D4



545454

Same Dimension

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



604980



7450A6



7B4980



3C3940



350080



000000

Inverse Universe

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



804969



A65082



4E8049



40393D



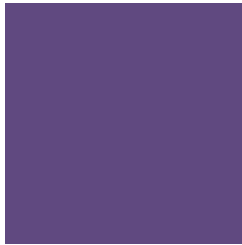
80004A



000000

Previews

White Background



This preview shows how the Hex color 604980 looks on a white background.

Color Contrast Check

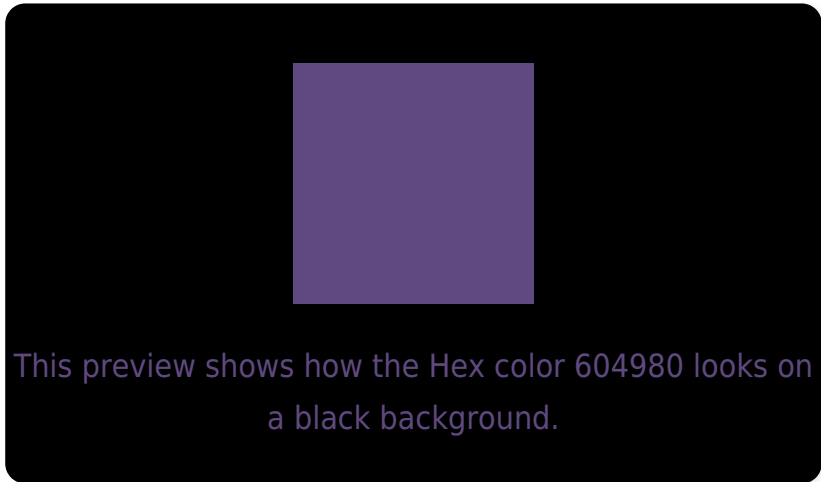
Large Text (above 18pt) WCAG AA ✓ Pass

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

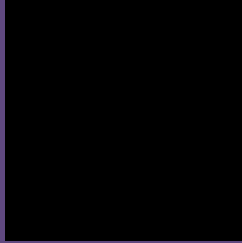
Any Text WCAG AA × Fail

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](#).

Hex 604980 Background



This preview shows how black text looks on a background with the Hex color 604980.

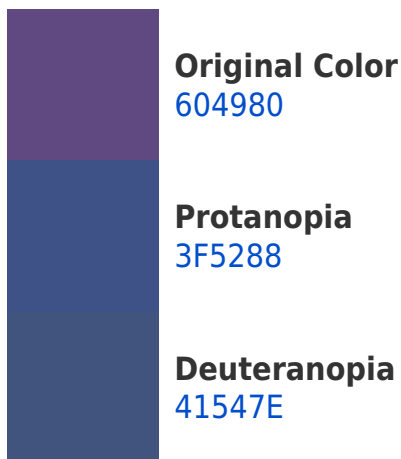


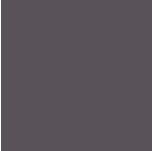
This preview shows how white text looks on a background with the Hex color 604980.

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





Tritanopia
595258

Trichromacy



Original Color
604980

Protanomaly
4B4F85

Deuteranomaly
4C507F

Tritanomaly
5C4F67

Monochromacy



Original Color
604980

Achromatopsia
565656

Achromatomaly
5A5165

CSS Examples

Text

The CSS property to change the color of the text to Hex 604980 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 #604980 looks like.

```
.text, #text, p{  
    color:#604980  
}
```

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 #604980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604980
}
```

Border

The CSS property to change the border of an element to Hex 604980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

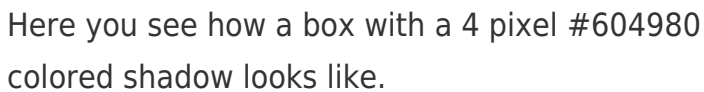
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604980 }
```

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

```
.border{ border-color:#604980 }
```

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



Here you see how a box with a 4 pixel #604980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604980; -webkit-box-shadow:4px 4px  
4px 4px #604980; box-shadow:4px 4px 4px  
4px #604980 }
```

Background

The CSS property to change the background color of an element to Hex 604980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604980 }
```

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

```
.background{ background-color:#604980 }
```

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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