

Converting Colors

Hex(594076)

Have a look what the booklet for
Hex(594076) contains.

Hex(594076)	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

Hex(594076)

Conversions

Conversions Part 1

Format	Color
Hex	594076
RGB	89, 64, 118
RGB Percent	35%, 25%, 46%
CMY	0.6510, 0.7490, 0.5373
CMYK	0.25, 0.46, 0.00, 0.54
HSL	268°, 30%, 36%
HSV	268°, 46%, 46%
XYZ	9.2232, 7.0986, 18.0236
YIQ	77.6310, -2.4340, 22.0940

Conversions

Conversions Part 2

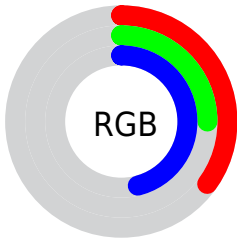
Format	Color
R_{YB}	89, 64, 118
Decimal	5849206
CIE _{Lab}	32.03, 22.74, -27.00
CIE _{LCh}	32, 35.301, 310.099
Yxy	7.0986, 0.2685, 0.2067
Android (android.graphics.Color)	4284039286 (0xFF594076)
YUV	77.6310, 19.9019, 9.9706
Hunter-Lab	26.6433, 15.1665, -21.4581

Details

The Hex color **594076** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5D7640**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C70AA**, and **291445** is the 20% darker color. If you saturate the color by 10%, you get **533476**, and if you desaturate by 10%, it is **5F4C76**.

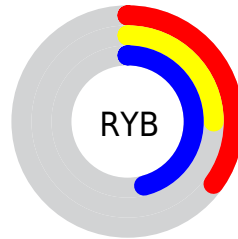
Distribution



Red (35%)

Green (25%)

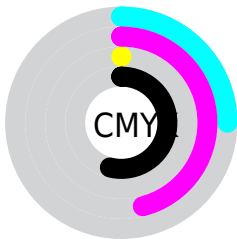
Blue (46%)



Red (35%)

Yellow (25%)

Blue (46%)

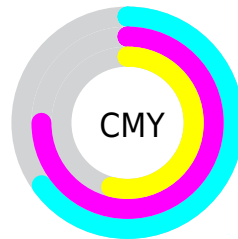


Cyan (25%)

Magenta (46%)

Yellow (0%)

Black (54%)



Cyan (65%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 594076 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 594076 by changing the saturation by 10% instead.

■ 594076

■ 594076

FFFFFF

■ 412A5D

■ 8C70AA

■ 291445

■ A78AC6

■ 16002F

■ C3A4E2

■ 000119

■ DFC0FF

■ 000000

■ FCDBFF

■ FFF8FF

■ 594076

■ 594076

■ 533476

■ 5F4C76

■ 4C2876

■ 665876

■ 461D76

■ 6C6376

■ 401176

■ 726F76

■ 390576

■ 797B76

■ 370076

■ 7F8776

■ 859376

■ 8C9E76

■ 92AA76

Harmonies

Analogous

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



264B82



594076



74355F

Triad

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



594076



694315



005954

Complementary

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



594076



5D7640

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.



005837



594076



514D0F

Square

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



594076



793829



33541E



00586E

Rectangle

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



594076



7C324C



33541E



00594B

Sweetspot

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



594076



8D8499



405E76



463F4D



CCCCCC



4D4D4D

Same Dimension

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



594076



6C4599



734076



38353B



39007A



7400FA

Inverse Universe

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



76405D



994572



437640



3B3538



7A0042



FA0086

Previews

White Background



This preview shows how the Hex color 594076 looks on a white background.

Color Contrast Check

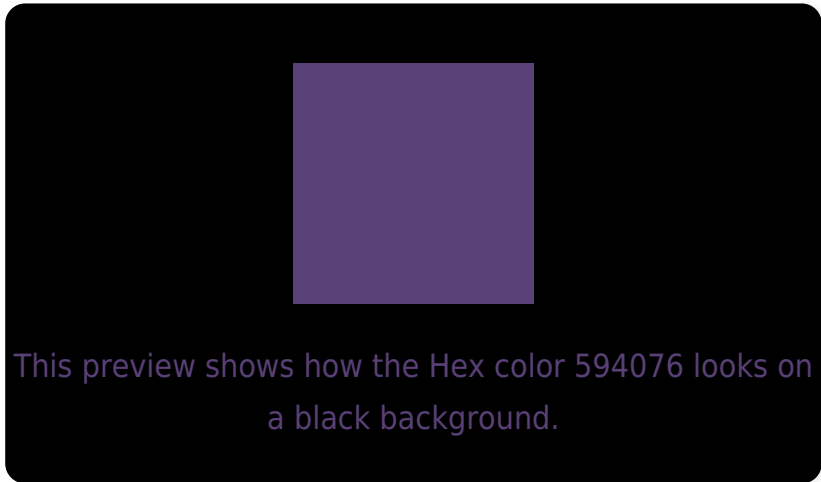
Large Text (above 18pt) WCAG AA ✓ Pass

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

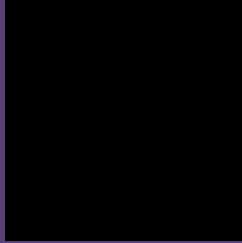
Any Text WCAG AA × Fail

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 594076 Background



This preview shows how black text looks on a background with the Hex color 594076.

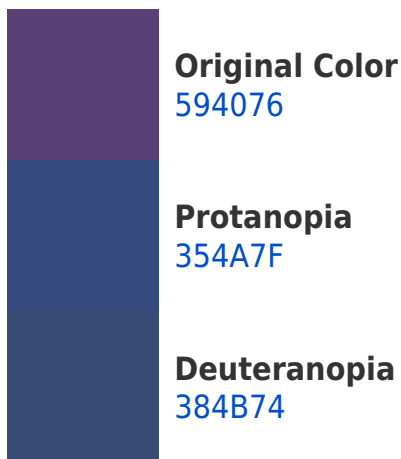


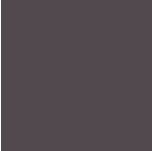
This preview shows how white text looks on a background with the Hex color 594076.

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
52494F

Trichromacy



Original Color
594076

Protanomaly
42467C

Deuteranomaly
444775

Tritanomaly
55465D

Monochromacy



Original Color
594076

Achromatopsia
4E4E4E

Achromatomaly
52495D

CSS Examples

Text

The CSS property to change the color of the text to Hex 594076 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 #594076 looks like.

```
.text, #text, p{  
    color:#594076  
}
```

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 #594076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594076
}
```

Border

The CSS property to change the border of an element to Hex 594076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

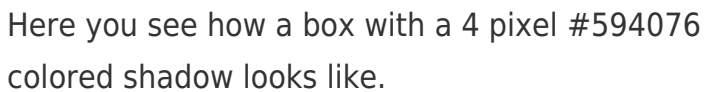
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#594076 }
```

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

```
.border{ border-color:#594076 }
```

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



Here you see how a box with a 4 pixel #594076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594076; -webkit-box-shadow:4px 4px  
4px 4px #594076; box-shadow:4px 4px 4px  
4px #594076 }
```

Background

The CSS property to change the background color of an element to Hex 594076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594076 }
```

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

```
.background{ background-color:#594076 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor