

Converting Colors

Decimal(5399679)

Have a look what the booklet for
Decimal(5399679) contains.

Decimal(5399679)	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

Decimal(5399679)

Conversions

Conversions Part 1

Format	Color
Hex	52647F
RGB	82, 100, 127
RGB Percent	32%, 39%, 50%
CMY	0.6784, 0.6078, 0.5020
CMYK	0.35, 0.21, 0.00, 0.50
HSL	216°, 22%, 41%
HSV	216°, 35%, 50%
XYZ	11.8676, 12.4405, 21.8544
YIQ	97.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

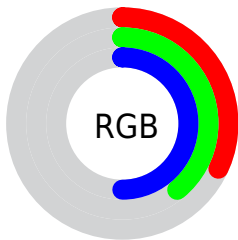
Format	Color
R_{YB}	82, 95, 127
Decimal	5399679
CIE Lab	41.91, 0.30, -17.26
CIE LCh	42, 17.262, 271.010
Yxy	12.4405, 0.2571, 0.2695
Android (android.graphics.Color)	4283589759 (0xFF52647F)
YUV	97.6960, 14.4469, -13.7654
Hunter-Lab	35.2711, -1.6647, -12.0471

Details

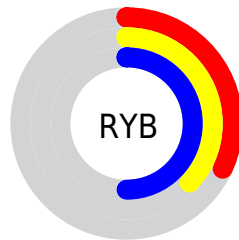
The Decimal color **5399679** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8351058**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8755124**, and **2242126** is the 20% darker color. If you saturate the color by 10%, you get **4545663**, and if you desaturate by 10%, it is **6253695**.

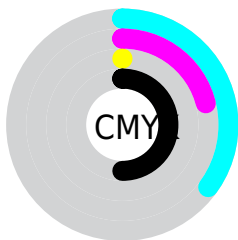
Distribution



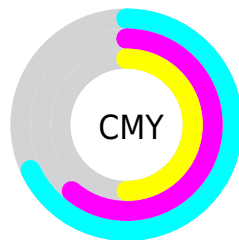
- Red (32%)
- Green (39%)
- Blue (50%)



- Red (32%)
- Yellow (37%)
- Blue (50%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (50%)



- Cyan (68%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5399679 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 Decimal color 5399679 by changing the saturation by 10% instead.

■ 5399679

■ 5399679

16777215

■ 3820646

■ 8755124

■ 2242126

■ 10465743

■ 598071

■ 12307948

■ 2082

■ 14150143

■ 8

■ 15990783

■ 0

■ 5399679

■ 5399679

■ 4545663

■ 6253695

■ 3757439

■ 7041919

■ 2903423

■ 7895935

■ 2049663

■ 8749695

■ 1195647

■ 9603711

■ 407167

■ 10392191

■ 13183

■ 11245951

■ 12099967

■ 12888447

Harmonies

Analogous

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



4221051



5399679



6709115

Triad

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



5399679



8346197



5073237

Complementary

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



5399679



8351058

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.



6121034



5399679



7953739

Square

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



5399679



8280419



7168583



4156259

Rectangle

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



5399679



7429237



7168583



5466449

Sweetspot

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



5399679



9739174



5406573



4804180



13948116



5526612

Same Dimension

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



5399679



6192038



5657215



3750976



13184



0

Inverse Universe

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



8344164



10903163



8093522



4208956



8388659



0

Previews

White Background



This preview shows how the Decimal color 5399679 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 × Fail

Black Background



This preview shows how the Decimal color 5399679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

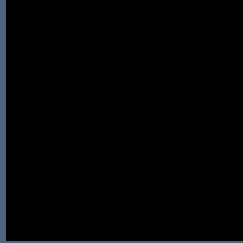
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

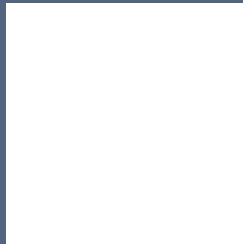
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5399679 Background



This preview shows how black text looks on a background with the Decimal color 5399679.

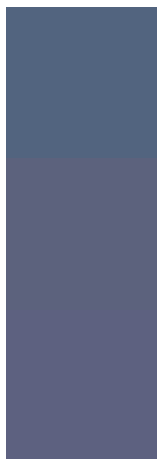


This preview shows how white text looks on a background with the Decimal color 5399679.

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
5399679

Protanopia
6054525

Deuteranopia
6119808



Tritanopia
5138287

Trichromacy



Original Color
5399679

Protanomaly
5792638

Deuteranomaly
5857920

Tritanomaly
5203573

Monochromacy



Original Color
5399679

Achromatopsia
6447714

Achromatomaly
6054765

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5399679 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 #52647F looks like.

```
.text, #text, p{  
    color:#52647F  
}
```

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 #52647F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52647F
}
```

Border

The CSS property to change the border of an element to Decimal 5399679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

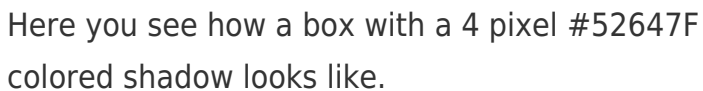
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52647F }
```

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

```
.border{ border-color:#52647F }
```

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



Here you see how a box with a 4 pixel #52647F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52647F; -webkit-box-shadow:4px 4px  
4px 4px #52647F; box-shadow:4px 4px 4px  
4px #52647F }
```

Background

The CSS property to change the background color of an element to Decimal 5399679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52647F }
```

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

```
.background{ background-color:#52647F }
```

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