

Converting Colors

Decimal(5719920)

Have a look what the booklet for
Decimal(5719920) contains.

Decimal(5719920)	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(5719920)

Conversions

Conversions Part 1

Format	Color
Hex	574770
RGB	87, 71, 112
RGB Percent	34%, 28%, 44%
CMY	0.6588, 0.7216, 0.5608
CMYK	0.22, 0.37, 0.00, 0.56
HSL	263°, 22%, 36%
HSV	263°, 37%, 44%
XYZ	9.1083, 7.7026, 16.3359
YIQ	80.4580, -3.6250, 16.1430

Conversions

Conversions Part 2

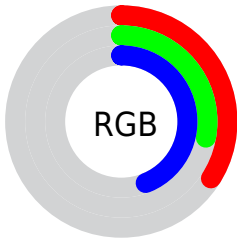
Format	Color
R_{YB}	87, 71, 112
Decimal	5719920
CIE _{Lab}	33.36, 16.07, -21.18
CIE _{LCh}	33, 26.583, 307.189
Yxy	7.7026, 0.2748, 0.2324
Android (android.graphics.Color)	4283910000 (0xFF574770)
YUV	80.4580, 15.5502, 5.7373
Hunter-Lab	27.7535, 10.0128, -15.4711

Details

The Decimal color **5719920** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6320199**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9074852**, and **2628416** is the 20% darker color. If you saturate the color by 10%, you get **5258352**, and if you desaturate by 10%, it is **6181488**.

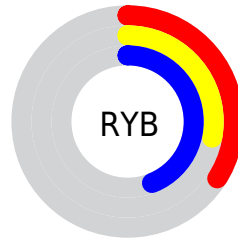
Distribution



Red (34%)

Green (28%)

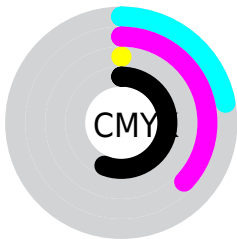
Blue (44%)



Red (34%)

Yellow (28%)

Blue (44%)

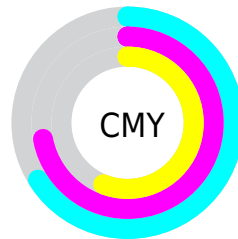


Cyan (22%)

Magenta (37%)

Yellow (0%)

Black (56%)



Cyan (66%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5719920 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 5719920 by changing the saturation by 10% instead.

■ 5719920

■ 5719920

16777215

■ 4141143

■ 9074852

■ 2628416

■ 10785215

■ 1376810

■ 12561627

■ 276

■ 14403576

■ 0

■ 16311295

■ 5719920

■ 5719920

■ 5258352

■ 6181488

■ 4796784

■ 6643056

4400496

7039344

3938928

7500912

3477360

7962480

3015792

8424048

2883696

8885616

9347440

9743472

Harmonies

Analogous

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



3493752



5719920



7159903

Triad

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



5719920



6899752



22867

Complementary

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



5719920



6320199

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.



2381885



5719920



5656356

Square

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



5719920



7618614



4216108



22631

Rectangle

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



5719920



7617873



4216108



153932

Sweetspot

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



5719920



8946065



4677744



4472906



13224393



4868682

Same Dimension

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



5719920



6967697



7030640



3486264



3080312



6357239

Inverse Universe

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



7358304



9523576



5009479



3682870



7864393



16187543

Previews

White Background



This preview shows how the Decimal color 5719920 looks on a white background.

Color Contrast Check

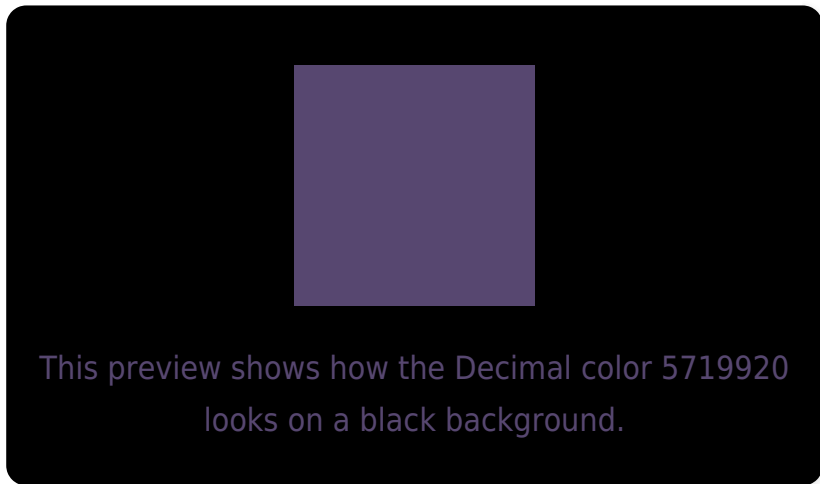
Large Text (above 18pt) WCAG AA ✓ Pass

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

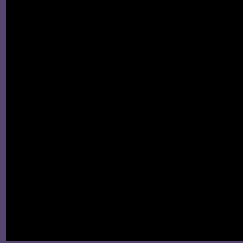
Any Text WCAG AA × Fail

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](#).

Decimal 5719920 Background



This preview shows how black text looks on a background with the Decimal color 5719920.



This preview shows how white text looks on a background with the Decimal color 5719920.

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
5719920

Protanopia
4279669

Deuteranopia
4410991



Tritanopia
5393747

Trichromacy



Original Color

5719920

Protanomaly

4803443

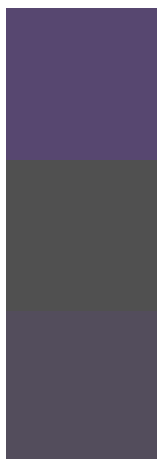
Deuteranomaly

4868975

Tritanomaly

5524318

Monochromacy



Original Color

5719920

Achromatopsia

5263440

Achromatomaly

5459292

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5719920 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 #574770 looks like.

```
.text, #text, p{  
    color:#574770  
}
```

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 #574770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574770
}
```

Border

The CSS property to change the border of an element to Decimal 5719920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

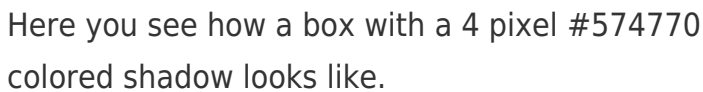
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574770 }
```

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

```
.border{ border-color:#574770 }
```

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



Here you see how a box with a 4 pixel #574770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574770; -webkit-box-shadow:4px 4px  
4px 4px #574770; box-shadow:4px 4px 4px  
4px #574770 }
```

Background

The CSS property to change the background color of an element to Decimal 5719920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574770 }
```

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

```
.background{ background-color:#574770 }
```

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