

Converting Colors

Decimal(5724270)

Have a look what the booklet for
Decimal(5724270) contains.

Decimal(5724270)	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(5724270)

Conversions

Conversions Part 1

Format	Color
Hex	57586E
RGB	87, 88, 110
RGB Percent	34%, 35%, 43%
CMY	0.6588, 0.6549, 0.5686
CMYK	0.21, 0.20, 0.00, 0.57
HSL	237°, 12%, 39%
HSV	237°, 21%, 43%
XYZ	10.2347, 10.1315, 16.1680
YIQ	90.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

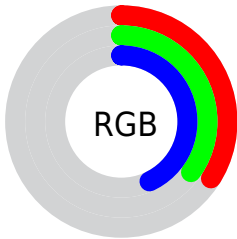
Format	Color
R_{YB}	87, 88, 110
Decimal	5724270
CIE Lab	38.08, 4.78, -12.67
CIE LCh	38, 13.544, 290.679
Yxy	10.1315, 0.2801, 0.2773
Android (android.graphics.Color)	4283914350 (0xFF57586E)
YUV	90.2090, 9.7570, -2.8143
Hunter-Lab	31.8300, 1.6928, -7.8353

Details

The Decimal color **5724270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7236951**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9013922**, and **2698046** is the 20% darker color. If you saturate the color by 10%, you get **5000558**, and if you desaturate by 10%, it is **6447982**.

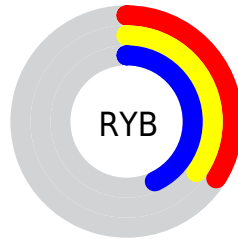
Distribution



Red (34%)

Green (35%)

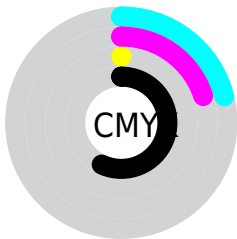
Blue (43%)



Red (34%)

Yellow (35%)

Blue (43%)

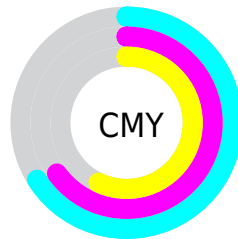


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (57%)



Cyan (66%)

Magenta (65%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5724270 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 5724270 by changing the saturation by 10% instead.

■ 5724270

■ 5724270

16777215

■ 4145494

■ 9013922

■ 2698046

■ 10724541

■ 1316392

■ 12566488

■ 276

■ 14408693

■ 0

■ 16250879

■ 5724270

■ 5724270

■ 5000558

■ 6447982

■ 4277102

■ 7171438

■ 3553390

■ 7895150

■ 2829934

■ 8618606

■ 2106222

■ 9342318

■ 1382766

■ 10065774

■ 659054

■ 10789486

■ 1390

■ 11512942

■ 12236654

Harmonies

Analogous

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



4742255



5724270



6575208

Triad

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



5724270



7165001



4350038

Complementary

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



5724270



7236951

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.



5070411



5724270



6641732

Square

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



5724270



7361106



5921605



3891297

Rectangle

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



5724270



7033697



5921605



4546386

Sweetspot

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



5724270



8816527



5729901



4342599



13092807



4671303

Same Dimension

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



5724270



7040399



6379374



3289912



1400



3063

Inverse Universe

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



7231320



9399149



6581847



3682867



7864325



16187403

Previews

White Background



This preview shows how the Decimal color 5724270 looks on a white background.

Color Contrast Check

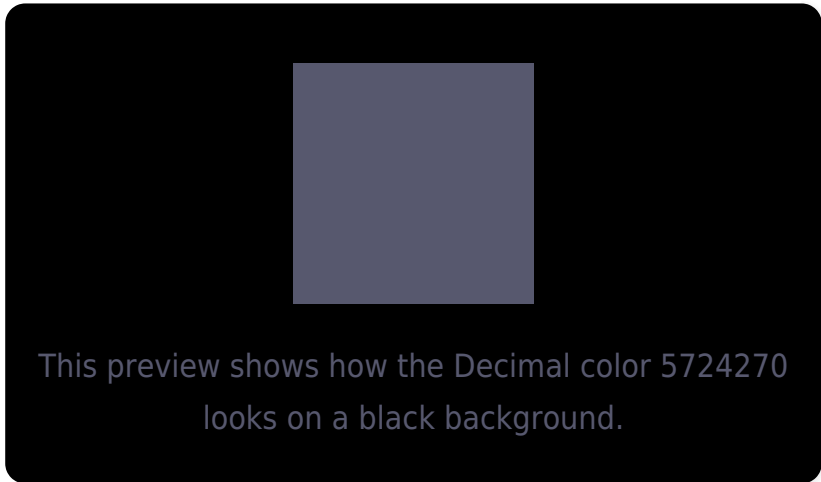
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

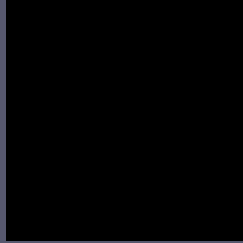
Any Text WCAG AA × Fail

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 5724270 Background



This preview shows how black text looks on a background with the Decimal color 5724270.

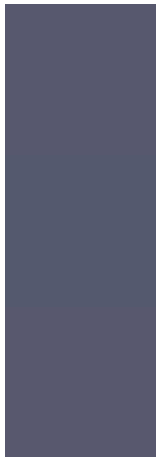


This preview shows how white text looks on a background with the Decimal color 5724270.

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
5724270

Protanopia
5527918

Deuteranopia
5789806



Tritanopia
5593697

Trichromacy



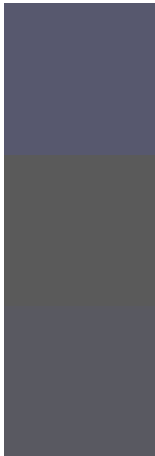
Original Color
5724270

Protanomaly
5593454

Deuteranomaly
5789806

Tritanomaly
5658982

Monochromacy



Original Color
5724270

Achromatopsia
5921370

Achromatomaly
5855585

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5724270 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 #57586E looks like.

```
.text, #text, p{  
    color:#57586E  
}
```

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 #57586E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57586E
}
```

Border

The CSS property to change the border of an element to Decimal 5724270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

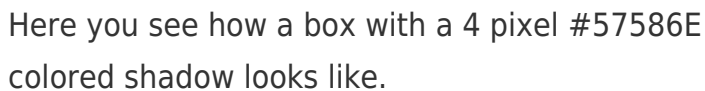
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57586E }
```

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

```
.border{ border-color:#57586E }
```

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



Here you see how a box with a 4 pixel #57586E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57586E; -webkit-box-shadow:4px 4px  
4px 4px #57586E; box-shadow:4px 4px 4px  
4px #57586E }
```

Background

The CSS property to change the background color of an element to Decimal 5724270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57586E }
```

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

```
.background{ background-color:#57586E }
```

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