

Converting Colors

Decimal(5788273)

Have a look what the booklet for
Decimal(5788273) contains.

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Color

Decimal(5788273)

Conversions

Conversions Part 1

Format	Color
Hex	585271
RGB	88, 82, 113
RGB Percent	35%, 32%, 44%
CMY	0.6549, 0.6784, 0.5569
CMYK	0.22, 0.27, 0.00, 0.56
HSL	252°, 16%, 38%
HSV	252°, 27%, 44%
XYZ	10.0224, 9.3015, 16.8899
YIQ	87.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

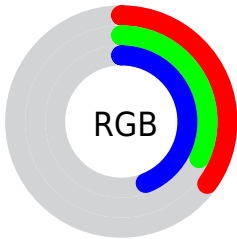
Format	Color
R_YB	88, 82, 113
Decimal	5788273
CIE Lab	36.56, 9.67, -16.84
CIE LCh	37, 19.424, 299.870
Yxy	9.3015, 0.2768, 0.2569
Android (android.graphics.Color)	4283978353 (0xFF585271)
YUV	87.3280, 12.6563, 0.5893
Hunter-Lab	30.4984, 5.2866, -11.4857

Details

The Decimal color **5788273** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7041362**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **9077669**, and **2762049** is the 20% darker color. If you saturate the color by 10%, you get **5195633**, and if you desaturate by 10%, it is **6380913**.

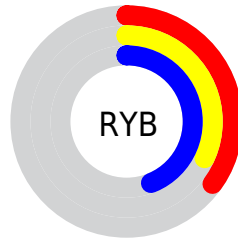
Distribution



Red (35%)

Green (32%)

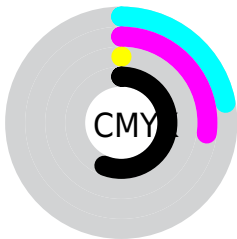
Blue (44%)



Red (35%)

Yellow (32%)

Blue (44%)

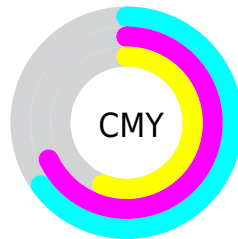


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (68%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5788273 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 5788273 by changing the saturation by 10% instead.

■ 5788273

■ 5788273

16777215

■ 4209496

■ 9077669

■ 2762049

■ 10853824

■ 1315115

■ 12630236

■ 278

■ 14472441

■ 0

■ 16380159

■ 5788273

■ 5788273

■ 5195633

■ 6380913

■ 4602737

■ 6973809

■ 4010097

■ 7566449

■ 3417457

■ 8159089

■ 2759281

■ 8817521

■ 2166385

■ 9410161

■ 1573745

■ 10002801

■ 1441905

■ 10595441

■ 11188337

Harmonies

Analogous

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



4282229



5788273



6966630

Triad

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



5788273



7229500



2907989

Complementary

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



5788273



7041362

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.



4087110



5788273



6378807

Square

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



5788273



7686983



5265979



2252389

Rectangle

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



5788273



7424860



5265979



3300944

Sweetspot

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



5788273



9078932



5401457



4473674



13224393



4868682

Same Dimension

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



5788273



7168916



6771313



3420728



1507448



3145975

Inverse Universe

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



7426667



9724810



6058322



3682871



7864417



16187591

Previews

White Background



This preview shows how the Decimal color 5788273 looks on a white background.

Color Contrast Check

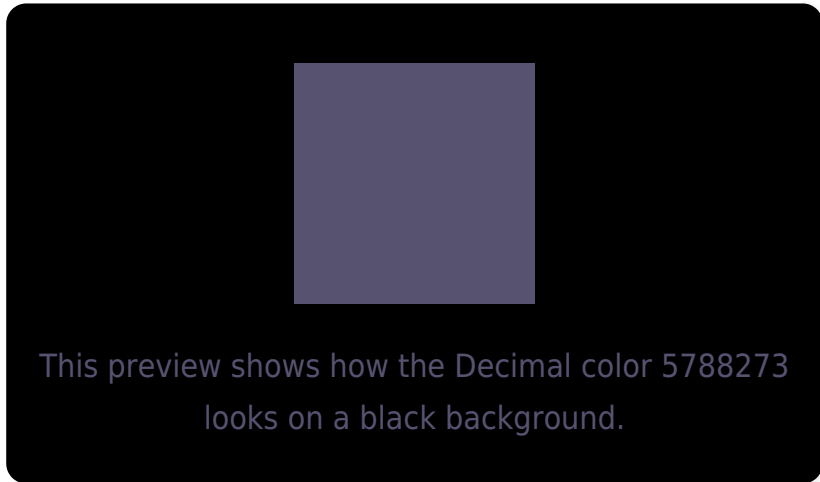
Large Text (above 18pt) WCAG AA ✓ Pass

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

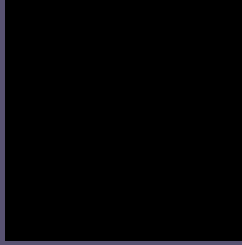
Any Text WCAG AA × Fail

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 5788273 Background



This preview shows how black text looks on a background with the Decimal color 5788273.

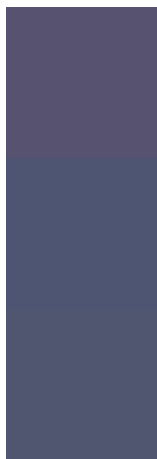


This preview shows how white text looks on a background with the Decimal color 5788273.

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

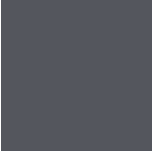
5788273

Protanopia

5068147

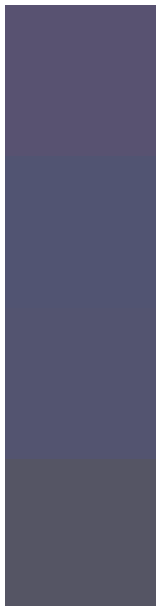
Deuteranopia

5264752



Tritanopia
5527133

Trichromacy



Original Color

5788273

Protanomaly

5330034

Deuteranomaly

5461104

Tritanomaly

5592420

Monochromacy



Original Color

5788273

Achromatopsia

5723991

Achromatomaly

5723488

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5788273 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 #585271 looks like.

```
.text, #text, p{  
    color:#585271  
}
```

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 #585271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585271
}
```

Border

The CSS property to change the border of an element to Decimal 5788273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

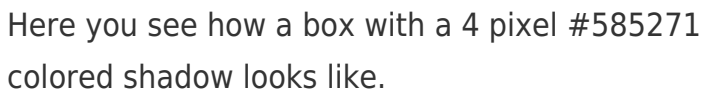
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585271 }
```

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

```
.border{ border-color:#585271 }
```

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



Here you see how a box with a 4 pixel #585271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585271; -webkit-box-shadow:4px 4px  
4px 4px #585271; box-shadow:4px 4px 4px  
4px #585271 }
```

Background

The CSS property to change the background color of an element to Decimal 5788273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585271 }
```

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

```
.background{ background-color:#585271 }
```

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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