

Converting Colors

Decimal(5782388)

Have a look what the booklet for
Decimal(5782388) contains.

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Color

Decimal(5782388)

Conversions

Conversions Part 1

Format	Color
Hex	583B74
RGB	88, 59, 116
RGB Percent	35%, 23%, 45%
CMY	0.6549, 0.7686, 0.5451
CMYK	0.24, 0.49, 0.00, 0.55
HSL	271°, 33%, 34%
HSV	271°, 49%, 45%
XYZ	8.7409, 6.4636, 17.3099
YIQ	74.1690, -1.0130, 23.8750

Conversions

Conversions Part 2

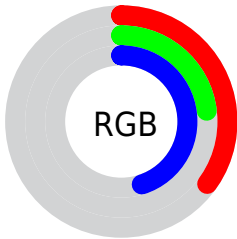
Format	Color
R_{YB}	88, 59, 116
Decimal	5782388
CIE _{Lab}	30.55, 25.03, -28.08
CIE _{LCh}	31, 37.615, 311.710
Yxy	6.4636, 0.2688, 0.1988
Android (android.graphics.Color)	4283972468 (0xFF583B74)
YUV	74.1690, 20.6227, 12.1298
Hunter-Lab	25.4236, 16.8786, -22.5717




Details

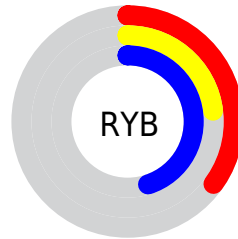
The Decimal color **5782388** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5731387**, and the grayscale version is **4868682**.




A 20% lighter version of the original color is **9137064**, and **2625347** is the 20% darker color. If you saturate the color by 10%, you get **5386100**, and if you desaturate by 10%, it is **6178676**.

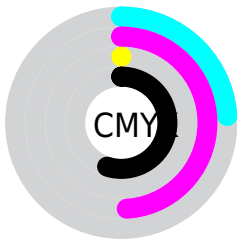
Distribution







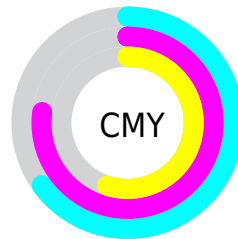
-  Red (35%)
-  Green (23%)
-  Blue (45%)






-  Red (35%)
-  Yellow (23%)
-  Blue (45%)



-  Cyan (24%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (65%)
-  Magenta (77%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5782388 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 5782388 by changing the saturation by 10% instead.

■ 5782388

■ 5782388

16777215

■ 4203867

■ 9137064

■ 2625347

■ 10913220

■ 1507373

■ 12754912

■ 279

■ 14596861

■ 0

■ 16504575

■ 16773887

■ 5782388

■ 5782388

■ 5386100

■ 6178676

■ 5055604

■ 6509172

■ 4659316

■ 6905460

■ 4263284

■ 7301492

■ 3932532

■ 7632244

■ 3866740

■ 8028532

■ 8424564

■ 8820852

■ 9151348

Harmonies

Analogous

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



2115458



5782388



7614299

Triad

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



5782388



6635532



22099

Complementary

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



5782388



5731387

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.



21812



5782388



4999685

Square

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



5782388



7812130



2838809



21870

Rectangle

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



5782388



8137543



2838809



22089

Sweetspot

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



5782388



9142422



3889268



4603725



13421772



5066061

Same Dimension

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



5782388



7028374



7617396



3683643



4063354



8323322

Inverse Universe

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



7617367



9846377



3896379



3880248



7995452



16384123

Previews

White Background



This preview shows how the Decimal color 5782388 looks on a white background.

Color Contrast Check

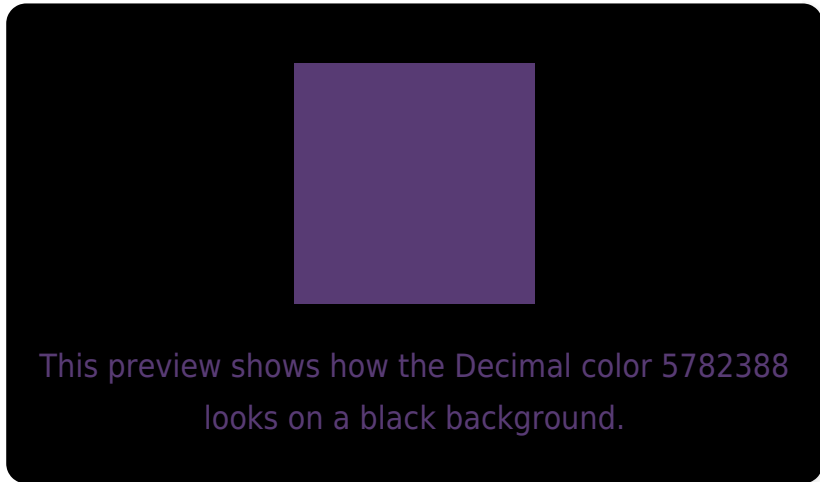
Large Text (above 18pt) WCAG AA ✓ Pass

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

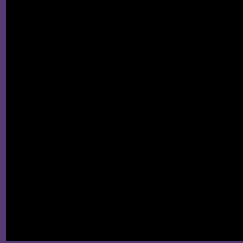
Any Text WCAG AA × Fail

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 5782388 Background



This preview shows how black text looks on a background with the Decimal color 5782388.




This preview shows how white text looks on a background with the Decimal color 5782388.

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
5326154

Trichromacy



Original Color
5782388

Protanomaly
4080251

Deuteranomaly
4211570

Tritanomaly
5521753

Monochromacy



Original Color
5782388

Achromatopsia
4868682

Achromatomaly
5195097

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5782388 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 #583B74 looks like.

```
.text, #text, p{  
    color:#583B74  
}
```

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 #583B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583B74  
}
```

Border

The CSS property to change the border of an element to Decimal 5782388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

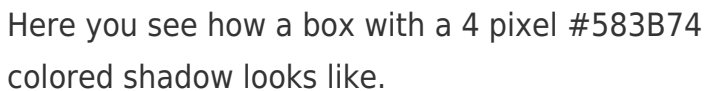
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#583B74 }
```

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

```
.border{ border-color:#583B74 }
```

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



Here you see how a box with a 4 pixel #583B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583B74; -webkit-box-shadow:4px 4px  
4px 4px #583B74; box-shadow:4px 4px 4px  
4px #583B74 }
```

Background

The CSS property to change the background color of an element to Decimal 5782388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583B74 }
```

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

```
.background{ background-color:#583B74 }
```

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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