

Converting Colors

Decimal(5786221)

Have a look what the booklet for
Decimal(5786221) contains.

Decimal(5786221)	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(5786221)

Conversions

Conversions Part 1

Format	Color
Hex	584A6D
RGB	88, 74, 109
RGB Percent	35%, 29%, 43%
CMY	0.6549, 0.7098, 0.5725
CMYK	0.19, 0.32, 0.00, 0.57
HSL	264°, 19%, 36%
HSV	264°, 32%, 43%
XYZ	9.2336, 8.0764, 15.5402
YIQ	82.1760, -2.8910, 13.8530

Conversions

Conversions Part 2

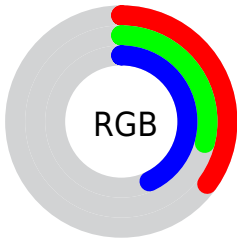
Format	Color
R_{YB}	88, 74, 109
Decimal	5786221
CIE _{Lab}	34.14, 13.72, -18.07
CIE _{LCh}	34, 22.690, 307.220
Yxy	8.0764, 0.2811, 0.2459
Android (android.graphics.Color)	4283976301 (0xFF584A6D)
YUV	82.1760, 13.2242, 5.1076
Hunter-Lab	28.4190, 8.2631, -12.5280

Details

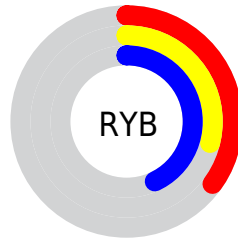
The Decimal color **5786221** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6253898**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9075617**, and **2760253** is the 20% darker color. If you saturate the color by 10%, you get **5324653**, and if you desaturate by 10%, it is **6247789**.

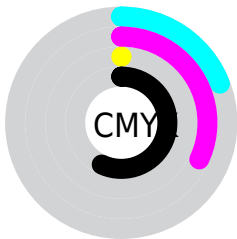
Distribution



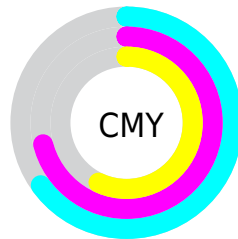
- Red (35%)
- Green (29%)
- Blue (43%)



- Red (35%)
- Yellow (29%)
- Blue (43%)



- Cyan (19%)
- Magenta (32%)
- Yellow (0%)
- Black (57%)



- Cyan (65%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5786221 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 5786221 by changing the saturation by 10% instead.



5786221



5786221

16777215



4207445



9075617



2760253



10851772



1443367



12627927



274



14470132



0



16377855



5786221



5786221



5324653



6247789



4928621



6643821

■ 4467053

■ 7105389

■ 4071021

■ 7501421

■ 3609709

■ 7962989

■ 3213677

■ 8358765

■ 2883693

■ 8820333

■ 9216365

■ 9677933

Harmonies

Analogous

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



4018548



5786221



6964319

Triad

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



5786221



6834735



1268308

Complementary

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



5786221



6253898

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.



3037506



5786221



5787948

Square

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



5786221



7423291



4478515



22885

Rectangle

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



5786221



7422547



4478515



1923662

Sweetspot

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



5786221



8814991



4874093



4341575



13092807



4671303

Same Dimension

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



5786221



7165839



6965869



3289142



3080309



6422773

Inverse Universe

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



7162463



9394041



5139786



3551283



7667782



16056467

Previews

White Background



This preview shows how the Decimal color 5786221 looks on a white background.

Color Contrast Check

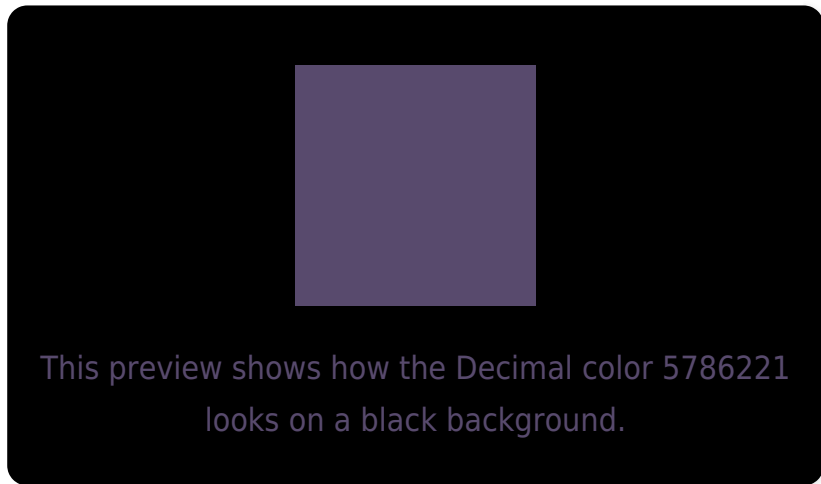
Large Text (above 18pt) WCAG AA ✓ Pass

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

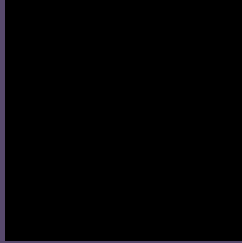
Any Text WCAG AA × Fail

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 5786221 Background



This preview shows how black text looks on a background with the Decimal color 5786221.



This preview shows how white text looks on a background with the Decimal color 5786221.

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
5786221

Protanopia
4607857

Deuteranopia
4804460



Tritanopia
5525333

Trichromacy



Original Color
5786221

Protanomaly
5066096

Deuteranomaly
5131628

Tritanomaly
5590366

Monochromacy



Original Color
5786221

Achromatopsia
5395026

Achromatomaly
5525340

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5786221 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 #584A6D looks like.

```
.text, #text, p{  
    color:#584A6D  
}
```

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 #584A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584A6D
}
```

Border

The CSS property to change the border of an element to Decimal 5786221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

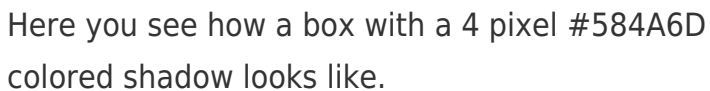
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584A6D }
```

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

```
.border{ border-color:#584A6D }
```

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



Here you see how a box with a 4 pixel #584A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584A6D; -webkit-box-shadow:4px 4px  
4px 4px #584A6D; box-shadow:4px 4px 4px  
4px #584A6D }
```

Background

The CSS property to change the background color of an element to Decimal 5786221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584A6D }
```

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

```
.background{ background-color:#584A6D }
```

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