

Converting Colors

Decimal(5787251)

Have a look what the booklet for
Decimal(5787251) contains.

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Color

Decimal(5787251)

Conversions

Conversions Part 1

Format	Color
Hex	584E73
RGB	88, 78, 115
RGB Percent	35%, 31%, 45%
CMY	0.6549, 0.6941, 0.5490
CMYK	0.23, 0.32, 0.00, 0.55
HSL	256°, 19%, 38%
HSV	256°, 32%, 45%
XYZ	9.8434, 8.7613, 17.3919
YIQ	85.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

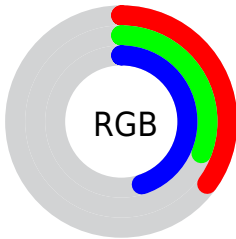
Format	Color
R_{YB}	88, 78, 115
Decimal	5787251
CIE _{Lab}	35.52, 12.73, -19.69
CIE _{LCh}	36, 23.446, 302.893
Yxy	8.7613, 0.2735, 0.2434
Android (android.graphics.Color)	4283977331 (0xFF584E73)
YUV	85.2080, 14.6875, 2.4486
Hunter-Lab	29.5995, 7.5617, -14.1178

Details

The Decimal color **5787251** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6910798**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9142183**, and **2695747** is the 20% darker color. If you saturate the color by 10%, you get **5260147**, and if you desaturate by 10%, it is **6314611**.

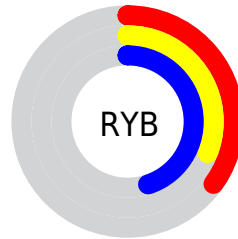
Distribution



Red (35%)

Green (31%)

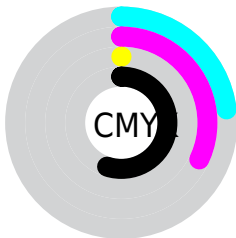
Blue (45%)



Red (35%)

Yellow (31%)

Blue (45%)

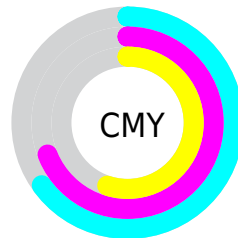


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5787251 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 5787251 by changing the saturation by 10% instead.

■ 5787251

■ 5787251

16777215

■ 4208474

■ 9142183

■ 2695747

■ 10852802

■ 1314092

■ 12629214

■ 279

■ 14471163

■ 0

■ 16379135

■ 5787251

■ 5787251

■ 5260147

■ 6314611

■ 4667251

■ 6907251

■ 4140147

■ 7434611

■ 3547251

■ 8027251

■ 3020147

■ 8554611

■ 2492787

■ 9081715

■ 2031731

■ 9674611

■ 10201715

■ 10794611

Harmonies

Analogous

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



3888505



5787251



7161957

Triad

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



5787251



7228467



1597013

Complementary

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



5787251



6910798

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.



3365954



5787251



6181678

Square

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



5787251



7817024



4872243



23911

Rectangle

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



5787251



7685465



4872243



2252110

Sweetspot

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



5787251



9144214



5138803



4604749



13421772



5066061

Same Dimension

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



5787251



7101590



6966899



3552571



2162810



4456698

Inverse Universe

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



7556713



9854087



5731150



3880249



7995481



16384182

Previews

White Background



This preview shows how the Decimal color 5787251 looks on a white background.

Color Contrast Check

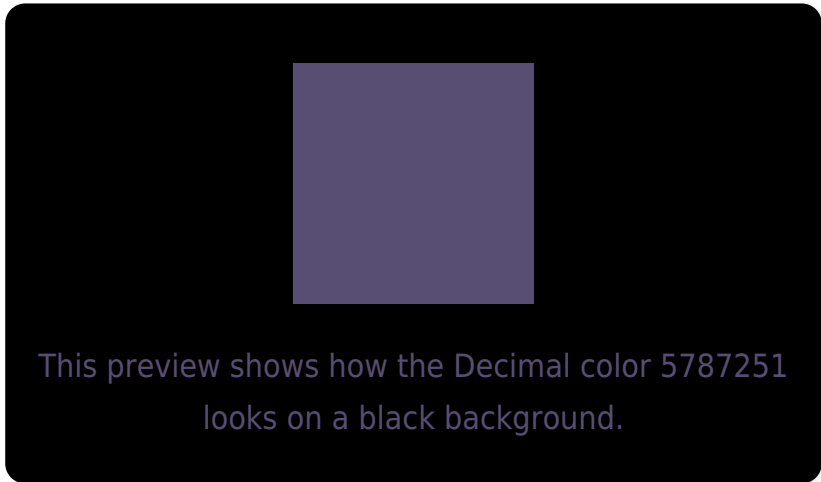
Large Text (above 18pt) WCAG AA ✓ Pass

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

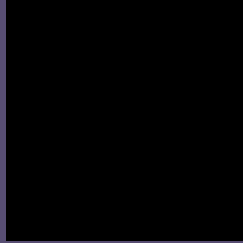
Any Text WCAG AA × Fail

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 5787251 Background



This preview shows how black text looks on a background with the Decimal color 5787251.

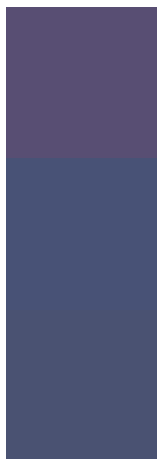


This preview shows how white text looks on a background with the Decimal color 5787251.

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
5787251

Protanopia
4739702

Deuteranopia
4870770



Tritanopia
5460826

Trichromacy



Original Color

5787251

Protanomaly

5132661

Deuteranomaly

5198194

Tritanomaly

5591395

Monochromacy



Original Color

5787251

Achromatopsia

5592405

Achromatomaly

5657184

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5787251 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 #584E73 looks like.

```
.text, #text, p{  
  color:#584E73  
}
```

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 #584E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584E73
}
```

Border

The CSS property to change the border of an element to Decimal 5787251 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
#584E73 }
```

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

```
.border{ border-color:#584E73 }
```

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

Here you see how a box with a 4 pixel #584E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584E73; -webkit-box-shadow:4px 4px  
4px 4px #584E73; box-shadow:4px 4px 4px  
4px #584E73 }
```

Background

The CSS property to change the background color of an element to Decimal 5787251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584E73 }
```

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

```
.background{ background-color:#584E73 }
```

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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