

Converting Colors

Decimal(5728916)

Have a look what the booklet for
Decimal(5728916) contains.

Decimal(5728916)	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(5728916)

Conversions

Conversions Part 1

Format	Color
Hex	576A94
RGB	87, 106, 148
RGB Percent	34%, 42%, 58%
CMY	0.6588, 0.5843, 0.4196
CMYK	0.41, 0.28, 0.00, 0.42
HSL	221°, 26%, 46%
HSV	221°, 41%, 58%
XYZ	14.4298, 14.4724, 30.0499
YIQ	105.1070, -24.8060, 9.0340

Conversions

Conversions Part 2

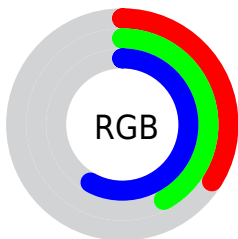
Format	Color
R _{YB}	87, 101, 148
Decimal	5728916
CIE Lab	44.90, 4.22, -25.21
CIE LCh	45, 25.560, 279.505
Yxy	14.4724, 0.2448, 0.2455
Android (android.graphics.Color)	4283918996 (0xFF576A94)
YUV	105.1070, 21.1462, -15.8798
Hunter-Lab	38.0426, 1.1315, -20.2034

Details

The Decimal color **5728916** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9732439**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9149898**, and **2374497** is the 20% darker color. If you saturate the color by 10%, you get **4743316**, and if you desaturate by 10%, it is **6714516**.

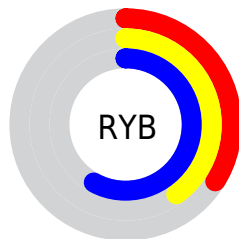
Distribution



Red (34%)

Green (42%)

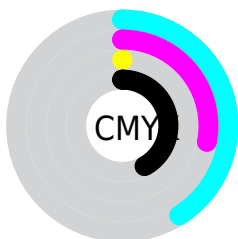
Blue (58%)



Red (34%)

Yellow (40%)

Blue (58%)

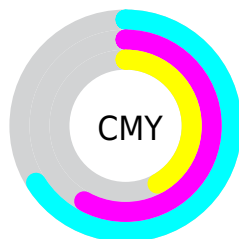


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5728916 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 5728916 by changing the saturation by 10% instead.

■ 5728916

■ 5728916

16777215

■ 4084346

■ 9149898

■ 2374497

■ 10926310

■ 468553

■ 12768511

■ 4402

■ 14610687

■ 541

■ 16515071

■ 0

■ 5728916

■ 5728916

■ 4743316

■ 6714516

■ 3757716

■ 7700116

■ 2837396

■ 8620436

■ 1851796

■ 9606036

■ 866196

■ 10591636

■ 11924

■ 11577236

■ 12562836

■ 13483156

■ 14468756

Harmonies

Analogous

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



3436690



5728916



7758475

Triad

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



5728916



9526608



4224347

Complementary

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



5728916



9732439

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.



5927241



5728916



8741955

Square

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



5728916



9722468



7498560



2455153

Rectangle

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



5728916



8740480



7498560



4813908

Sweetspot

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



5728916



11055039



5739649



5462113



14737632



6381921

Same Dimension

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



5728916



6455231



6444948



4408650



11146



778

Inverse Universe

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



9721706



12542591



9016407



4866885



9044011



655363

Previews

White Background



This preview shows how the Decimal color 5728916 looks on a white background.

Color Contrast Check

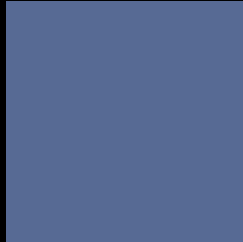
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5728916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

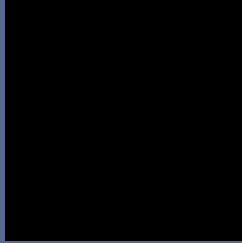
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

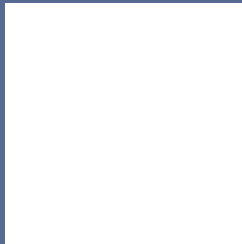
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5728916 Background



This preview shows how black text looks on a background with the Decimal color 5728916.

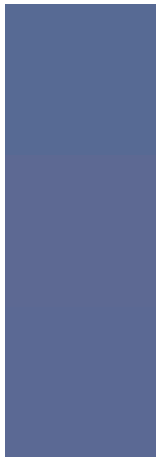


This preview shows how white text looks on a background with the Decimal color 5728916.

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
5728916

Protanopia
6121875

Deuteranopia
5990804

Trichromacy



Original Color
5728916

Protanomaly
5990803

Deuteranomaly
5925268

Tritanomaly
5467522

Monochromacy



Original Color
5728916

Achromatopsia
6908265

Achromatomaly
6449529

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5728916 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 #576A94 looks like.

```
.text, #text, p{  
    color:#576A94  
}
```

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 #576A94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576A94
}
```

Border

The CSS property to change the border of an element to Decimal 5728916 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
#576A94 }
```

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

```
.border{ border-color:#576A94 }
```

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

Here you see how a box with a 4 pixel #576A94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576A94; -webkit-box-shadow:4px 4px  
4px 4px #576A94; box-shadow:4px 4px 4px  
4px #576A94 }
```

Background

The CSS property to change the background color of an element to Decimal 5728916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576A94 }
```

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

```
.background{ background-color:#576A94 }
```

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