

Converting Colors

Decimal(5718636)

Have a look what the booklet for
Decimal(5718636) contains.

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Color

Decimal(5718636)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 57426C |
| RGB | 87, 66, 108 |
| RGB Percent | 34%, 26%, 42% |
| CMY | 0.6588, 0.7412, 0.5765 |
| CMYK | 0.19, 0.39, 0.00, 0.58 |
| HSL | 270°, 24%, 34% |
| HSV | 270°, 39%, 42% |
| XYZ | 8.5855, 7.0054, 15.0870 |
| YIQ | 77.0670, -0.9660, 17.5140 |

Conversions

Conversions Part 2

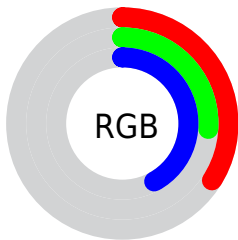
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 87, 66, 108 |
| Decimal | 5718636 |
| CIELab | 31.82, 18.23, -21.05 |
| CIElCh | 32, 27.841, 310.892 |
| Yxy | 7.0054, 0.2799, 0.2284 |
| Android (android.graphics.Color) | 4283908716 (0xFF57426C) |
| YUV | 77.0670, 15.2500, 8.7112 |
| Hunter-Lab | 26.4677, 11.5826, -15.2689 |

Details

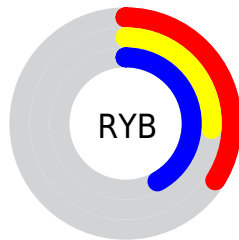
The Decimal color **5718636** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5729346**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **9073312**, and **2627388** is the 20% darker color. If you saturate the color by 10%, you get **5388140**, and if you desaturate by 10%, it is **6049132**.

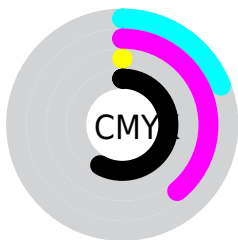
Distribution



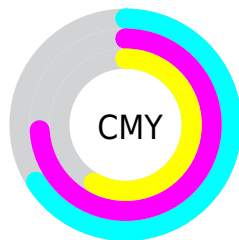
- Red (34%)
- Green (26%)
- Blue (42%)



- Red (34%)
- Yellow (26%)
- Blue (42%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (58%)



- Cyan (66%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5718636 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 5718636 by changing the saturation by 10% instead.

■ 5718636

■ 5718636

16777215

■ 4140116

■ 9073312

■ 2627388

■ 10783931

■ 1441831

■ 12560086

■ 272

■ 14402291

■ 0

■ 16309759

■ 16775935

■ 5718636

■ 5718636

■ 5388140

■ 6049132

■ 4992108

■ 6445164

■ 4661868

■ 6775404

■ 4265836

■ 7171436

■ 3935340

■ 7501932

■ 3604844

■ 7832428

■ 3539052

■ 8228460

■ 8558700

■ 8954732

Harmonies

Analogous

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



3492470



5718636



7093082

Triad

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



5718636



6505761



22098

Complementary

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



5718636



5729346

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.



1529148



5718636



5262366

Square

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



5718636



7355695



3691049



21863

Rectangle

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



5718636



7551051



3691049



22091

Sweetspot

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



5718636



8682380



4347756



4341063



13092807



4671303

Same Dimension

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



5718636



7031436



7094892



3354678



3866741



7995637

Inverse Universe

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



7094871



9194091



4353090



3551283



7667771



16056442

Previews

White Background



This preview shows how the Decimal color 5718636 looks on a white background.

Color Contrast Check

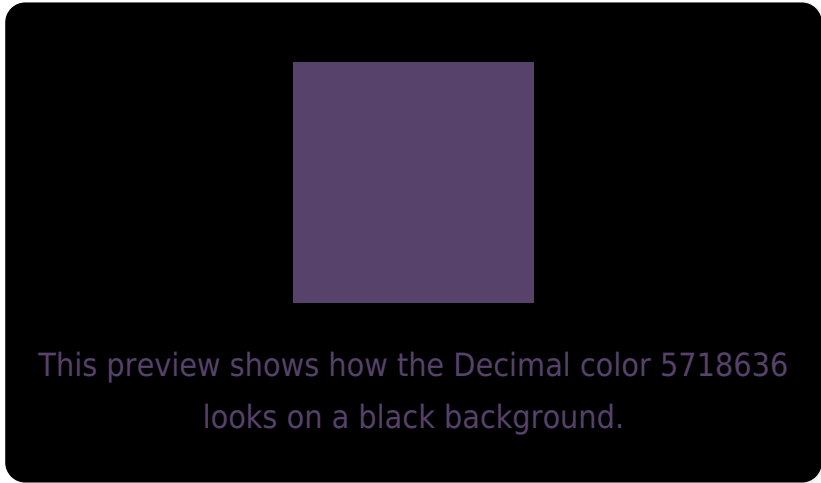
Large Text (above 18pt) WCAG AA ✓ Pass

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

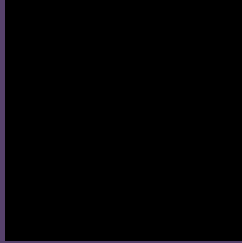
Any Text WCAG AA × Fail

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 5718636 Background



This preview shows how black text looks on a background with the Decimal color 5718636.

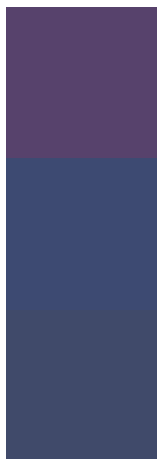


This preview shows how white text looks on a background with the Decimal color 5718636.

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
5718636

Protanopia
4016754

Deuteranopia
4213354



Tritanopia
5392462

Trichromacy



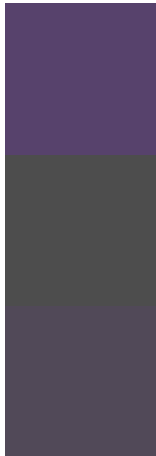
Original Color
5718636

Protanomaly
4605808

Deuteranomaly
4736875

Tritanomaly
5523033

Monochromacy



Original Color
5718636

Achromatopsia
5066061

Achromatomaly
5327192

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5718636 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 #57426C looks like.

```
.text, #text, p{  
    color:#57426C  
}
```

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 #57426C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57426C
}
```

Border

The CSS property to change the border of an element to Decimal 5718636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

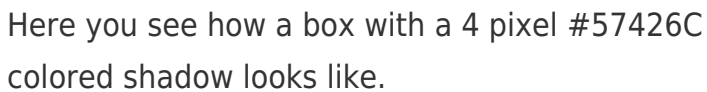
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57426C }
```

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

```
.border{ border-color:#57426C }
```

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



Here you see how a box with a 4 pixel #57426C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57426C; -webkit-box-shadow:4px 4px  
4px 4px #57426C; box-shadow:4px 4px 4px  
4px #57426C }
```

Background

The CSS property to change the background color of an element to Decimal 5718636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57426C }
```

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

```
.background{ background-color:#57426C }
```

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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