

Converting Colors

Decimal(4087688)

Have a look what the booklet for
Decimal(4087688) contains.

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Color

Decimal(4087688)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3E5F88 |
| RGB | 62, 95, 136 |
| RGB Percent | 24%, 37%, 53% |
| CMY | 0.7569, 0.6275, 0.4667 |
| CMYK | 0.54, 0.30, 0.00, 0.47 |
| HSL | 213°, 37%, 39% |
| HSV | 213°, 54%, 53% |
| XYZ | 10.5227, 10.9861, 24.8585 |
| YIQ | 89.8070, -32.8290, 5.7550 |

Conversions

Conversions Part 2

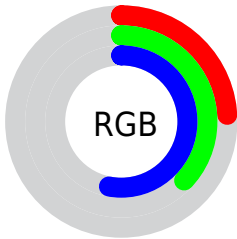
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 62, 85, 136 |
| Decimal | 4087688 |
| CIE _{Lab} | 39.56, 0.62, -26.45 |
| CIE _{LCh} | 40, 26.456, 271.334 |
| Yxy | 10.9861, 0.2269, 0.2369 |
| Android (android.graphics.Color) | 4282277768 (0xFF3E5F88) |
| YUV | 89.8070, 22.7731, -24.3867 |
| Hunter-Lab | 33.1453, -1.3354, -21.2649 |

Details

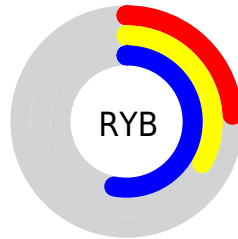
The Decimal color **4087688** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8939326**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7573950**, and **12630** is the 20% darker color. If you saturate the color by 10%, you get **3168136**, and if you desaturate by 10%, it is **5007240**.

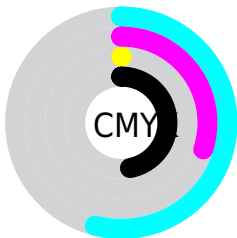
Distribution



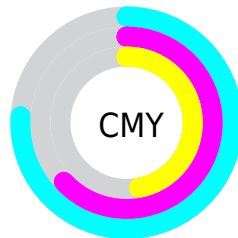
- Red (24%)
- Green (37%)
- Blue (53%)



- Red (24%)
- Yellow (33%)
- Blue (53%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)



- Cyan (76%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4087688 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 4087688 by changing the saturation by 10% instead.

■ 4087688

■ 4087688

16777215

■ 2312046

■ 7573950

■ 12630

■ 9284825

■ 7486

■ 11126774

■ 809

■ 12968959

■ 274

■ 14811135

■ 0

■ 4087688

■ 4087688

■ 3168136

■ 5007240

■ 2314376

■ 5861000

■ 1394824

■ 6780552

■ 541064

■ 7634312

■ 15752

■ 8553864

■ 9473160

■ 10327176

■ 11246472

■ 12100488

Harmonies

Analogous

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



877954



4087688



6379394

Triad

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



4087688



8801864



3761992

Complementary

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



4087688



8939326

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.



5530423



4087688



8148280

Square

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



4087688



8735837



6970418



1534301

Rectangle

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



4087688



7492216



6970418



4417089

Sweetspot

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



4087688



9740464



4098151



4739161



14277081



5855577

Same Dimension

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



4087688



4092336



4341384



4079941



15237



517

Inverse Universe

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



8928863



11550321



8685630



4537921



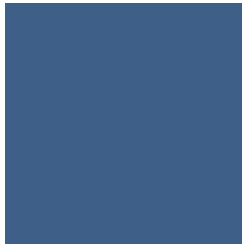
8716347



327682

Previews

White Background



This preview shows how the Decimal color 4087688 looks on a white background.

Color Contrast Check

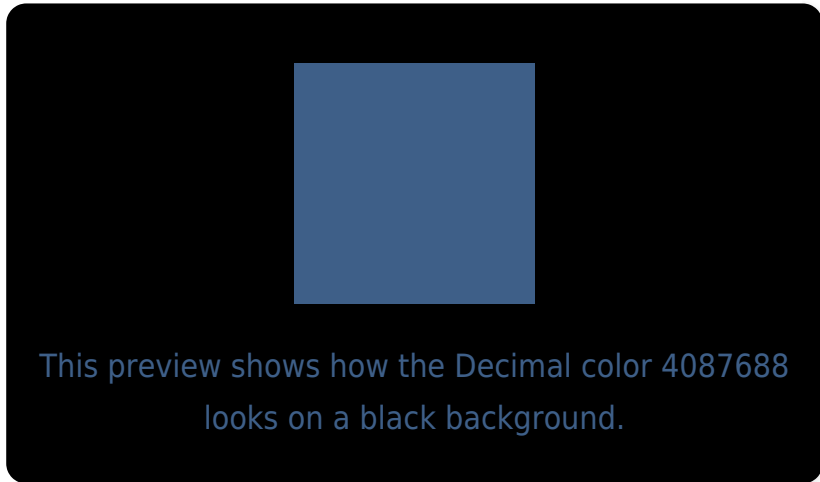
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4087688 Background



This preview shows how black text looks on a background with the Decimal color 4087688.

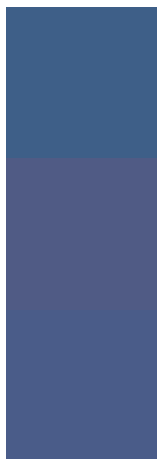


This preview shows how white text looks on a background with the Decimal color 4087688.

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


4087688

Protanopia

5266309

Deuteranopia

4873353



Tritanopia
3433580

Trichromacy



Original Color
4087688

Protanomaly
4807814

Deuteranomaly
4611465

Tritanomaly
3695222

Monochromacy



Original Color
4087688

Achromatopsia
5921370

Achromatomaly
5266539

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4087688 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 #3E5F88 looks like.

```
.text, #text, p{  
    color:#3E5F88  
}
```

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 #3E5F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5F88
}
```

Border

The CSS property to change the border of an element to Decimal 4087688 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
#3E5F88 }
```

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

```
.border{ border-color:#3E5F88 }
```

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

Here you see how a box with a 4 pixel #3E5F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5F88; -webkit-box-shadow:4px 4px  
4px 4px #3E5F88; box-shadow:4px 4px 4px  
4px #3E5F88 }
```

Background

The CSS property to change the background color of an element to Decimal 4087688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5F88 }
```

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

```
.background{ background-color:#3E5F88 }
```

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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