

Converting Colors

Decimal(5069448)

Have a look what the booklet for
Decimal(5069448) contains.

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Color

Decimal(5069448)

Conversions

Conversions Part 1

Format	Color
Hex	4D5A88
RGB	77, 90, 136
RGB Percent	30%, 35%, 53%
CMY	0.6980, 0.6471, 0.4667
CMYK	0.43, 0.34, 0.00, 0.47
HSL	227°, 28%, 42%
HSV	227°, 43%, 53%
XYZ	11.1607, 10.6677, 24.7634
YIQ	91.3570, -22.5140, 11.5500

Conversions

Conversions Part 2

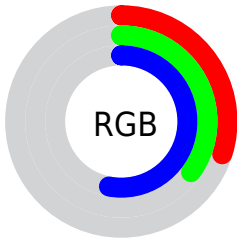
Format	Color
RYB	77, 88, 136
Decimal	5069448
CIELab	39.02, 7.71, -27.23
CIElCh	39, 28.297, 285.809
Yxy	10.6677, 0.2395, 0.2290
Android (android.graphics.Color)	4283259528 (0xFF4D5A88)
YUV	91.3570, 22.0090, -12.5911
Hunter-Lab	32.6614, 3.8374, -22.0898

Details

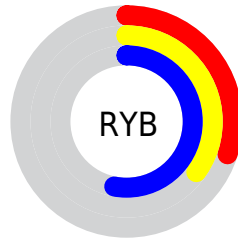
The Decimal color **5069448** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8944461**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8490174**, and **1715542** is the 20% darker color. If you saturate the color by 10%, you get **4149128**, and if you desaturate by 10%, it is **5989768**.

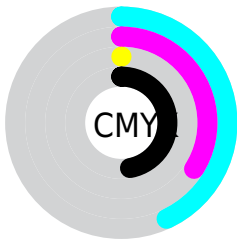
Distribution



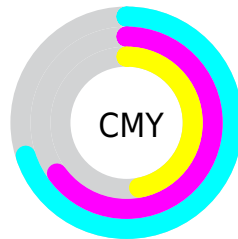
- Red (30%)
- Green (35%)
- Blue (53%)



- Red (30%)
- Yellow (35%)
- Blue (53%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5069448 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 5069448 by changing the saturation by 10% instead.

■ 5069448

■ 5069448

16777215

■ 3425134

■ 8490174

■ 1715542

■ 10200793

■ 6206

■ 12042742

■ 40

■ 13884927

■ 274

■ 15792895

■ 0

■ 5069448

■ 5069448

■ 4149128

■ 5989768

■ 3294600

■ 6844296

■ 2374280

■ 7764616

■ 1519752

■ 8619144

■ 599432

■ 9539464

■ 7816

■ 10459784

■ 11314312

■ 12234632

■ 13089160

Harmonies

Analogous

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



1925512



5069448



7164284

Triad

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



5069448



8605500



2320208

Complementary

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



5069448



8944461

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.



4482107



5069448



7624495

Square

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



5069448



8931921



6184494



26728

Rectangle

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



5069448



8146031



6184494



3171912

Sweetspot

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



5069448



10067632



5081210



4935257



14277081



5855577

Same Dimension

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



5069448



5532080



6114696



4079429



7557



261

Inverse Universe

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



8932698



11555945



7899213



4537919



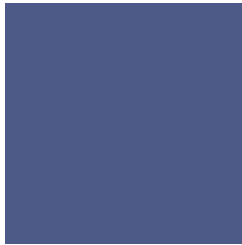
8716317



327681

Previews

White Background



This preview shows how the Decimal color 5069448 looks on a white background.

Color Contrast Check

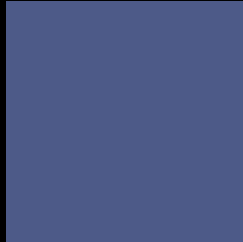
Large Text (above 18pt) WCAG AA ✓ Pass

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 5069448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

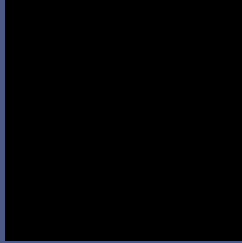
Any Text WCAG AA × Fail

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 5069448 Background



This preview shows how black text looks on a background with the Decimal color 5069448.

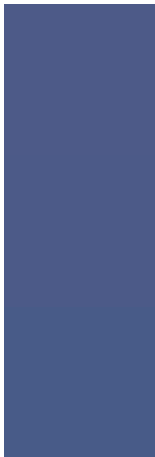


This preview shows how white text looks on a background with the Decimal color 5069448.

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
5069448

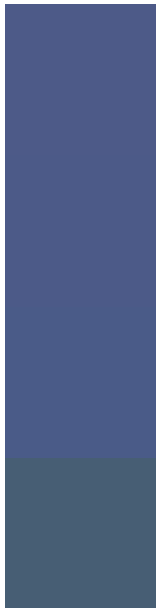
Protanopia
5003912

Deuteranopia
4742024



Tritanopia
4481128

Trichromacy



Original Color
5069448

Protanomaly
5003912

Deuteranomaly
4873096

Tritanomaly
4677236

Monochromacy



Original Color
5069448

Achromatopsia
5987163

Achromatomaly
5659499

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5069448 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 #4D5A88 looks like.

```
.text, #text, p{  
    color:#4D5A88  
}
```

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 #4D5A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5A88
}
```

Border

The CSS property to change the border of an element to Decimal 5069448 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
#4D5A88 }
```

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

```
.border{ border-color:#4D5A88 }
```

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

Here you see how a box with a 4 pixel #4D5A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5A88; -webkit-box-shadow:4px 4px  
4px 4px #4D5A88; box-shadow:4px 4px 4px  
4px #4D5A88 }
```

Background

The CSS property to change the background color of an element to Decimal 5069448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5A88 }
```

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

```
.background{ background-color:#4D5A88 }
```

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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