

Converting Colors

Decimal(5004688)

Have a look what the booklet for
Decimal(5004688) contains.

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Color

Decimal(5004688)

Conversions

Conversions Part 1

Format	Color
Hex	4C5D90
RGB	76, 93, 144
RGB Percent	30%, 36%, 56%
CMY	0.7020, 0.6353, 0.4353
CMYK	0.47, 0.35, 0.00, 0.44
HSL	225°, 31%, 43%
HSV	225°, 47%, 56%
XYZ	11.9289, 11.3788, 27.9532
YIQ	93.7310, -26.5030, 12.2570

Conversions

Conversions Part 2

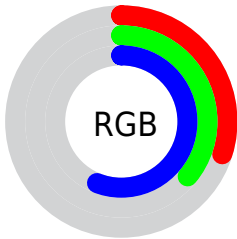
Format	Color
R_{YB}	76, 90, 144
Decimal	5004688
CIE _{Lab}	40.21, 8.05, -30.20
CIE _{LCh}	40, 31.250, 284.921
Yxy	11.3788, 0.2327, 0.2220
Android (android.graphics.Color)	4283194768 (0xFF4C5D90)
YUV	93.7310, 24.7826, -15.5501
Hunter-Lab	33.7325, 4.0914, -25.5192

Details

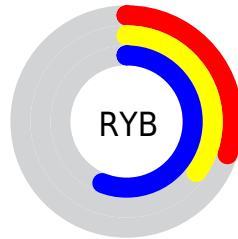
The Decimal color **5004688** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9469772**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **8425414**, and **1453917** is the 20% darker color. If you saturate the color by 10%, you get **4084368**, and if you desaturate by 10%, it is **5925008**.

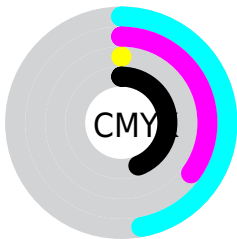
Distribution



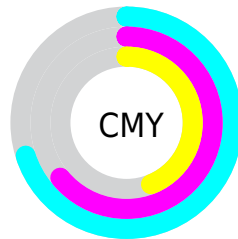
- Red (30%)
- Green (36%)
- Blue (56%)



- Red (30%)
- Yellow (35%)
- Blue (56%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5004688 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 5004688 by changing the saturation by 10% instead.

■ 5004688

■ 5004688

16777215

■ 3294838

■ 8425414

■ 1453917

■ 10201570

■ 6981

■ 12043775

■ 47

■ 13885951

■ 281

■ 15793663

■ 0

■ 5004688

■ 5004688

■ 4084368

■ 5925008

■ 3098512

■ 6910864

■ 2178448

■ 7830928

■ 1192592

■ 8816784

■ 272272

■ 9737104

■ 9360

■ 10657424

■ 11643280

■ 12563344

■ 13549200

Harmonies

Analogous

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



484752



5004688



7426947

Triad

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



5004688



9064508



1993553

Complementary

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



5004688



9469772

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.



4548665



5004688



7952685

Square

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



5004688



9390675



6447404



27755

Rectangle

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



5004688



8539509



6447404



2976328

Sweetspot

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



5004688



10528698



5017727



5132894



14606046



6184542

Same Dimension

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



5004688



5270458



6114448



4211271



8839



520

Inverse Universe

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



9456733



12210283



8360012



4669506



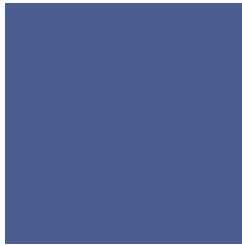
8847394



524290

Previews

White Background



This preview shows how the Decimal color 5004688 looks on a white background.

Color Contrast Check

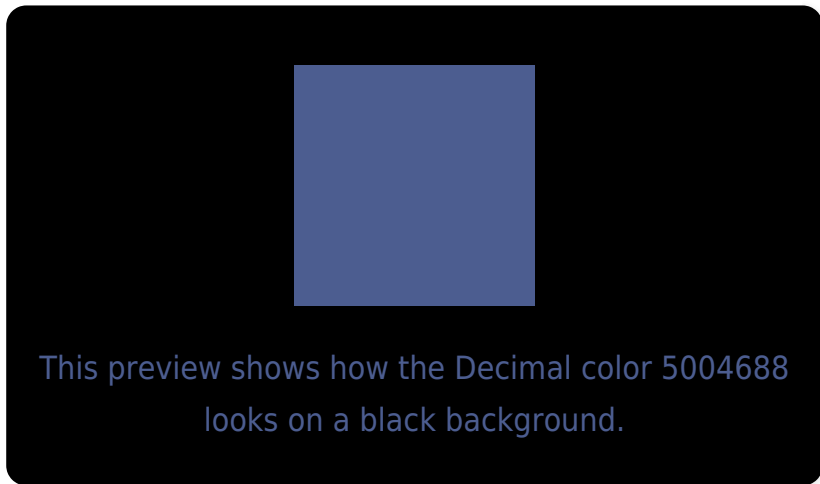
Large Text (above 18pt) WCAG AA ✓ Pass

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

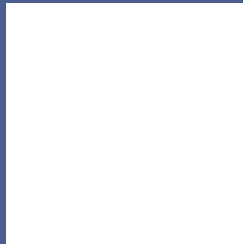
Any Text WCAG AAA × Fail

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

Decimal 5004688 Background



This preview shows how black text looks on a background with the Decimal color 5004688.



This preview shows how white text looks on a background with the Decimal color 5004688.

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
5004688

Protanopia
5070224

Deuteranopia
4677264



Tritanopia
4285548

Trichromacy



Original Color
5004688

Protanomaly
5070224

Deuteranomaly
4808336

Tritanomaly
4546937

Monochromacy



Original Color
5004688

Achromatopsia
6184542

Achromatomaly
5725808

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5004688 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 #4C5D90 looks like.

```
.text, #text, p{  
    color:#4C5D90  
}
```

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 #4C5D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5D90
}
```

Border

The CSS property to change the border of an element to Decimal 5004688 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
#4C5D90 }
```

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

```
.border{ border-color:#4C5D90 }
```

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

Here you see how a box with a 4 pixel #4C5D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5D90; -webkit-box-shadow:4px 4px  
4px 4px #4C5D90; box-shadow:4px 4px 4px  
4px #4C5D90 }
```

Background

The CSS property to change the background color of an element to Decimal 5004688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5D90 }
```

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

```
.background{ background-color:#4C5D90 }
```

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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