

Converting Colors

Decimal(5004681)

Have a look what the booklet for
Decimal(5004681) contains.

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Color

Decimal(5004681)

Conversions

Conversions Part 1

Format	Color
Hex	4C5D89
RGB	76, 93, 137
RGB Percent	30%, 36%, 54%
CMY	0.7020, 0.6353, 0.4627
CMYK	0.45, 0.32, 0.00, 0.46
HSL	223°, 29%, 42%
HSV	223°, 45%, 54%
XYZ	11.4102, 11.1713, 25.2218
YIQ	92.9330, -24.2560, 10.0800

Conversions

Conversions Part 2

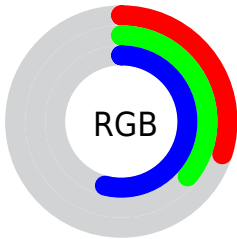
Format	Color
RYB	76, 89, 137
Decimal	5004681
CIELab	39.87, 5.85, -26.51
CIELCh	40, 27.143, 282.437
Yxy	11.1713, 0.2387, 0.2337
Android (android.graphics.Color)	4283194761 (0xFF4C5D89)
YUV	92.9330, 21.7250, -14.8502
Hunter-Lab	33.4236, 2.4454, -21.3444

Details

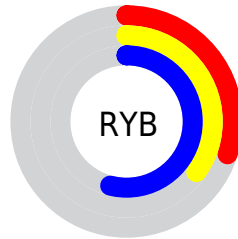
The Decimal color **5004681** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9009228**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8425407**, and **1650519** is the 20% darker color. If you saturate the color by 10%, you get **4084617**, and if you desaturate by 10%, it is **5924745**.

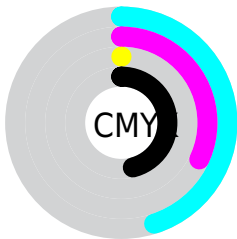
Distribution



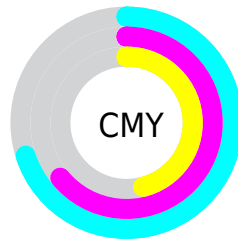
- Red (30%)
- Green (36%)
- Blue (54%)



- Red (30%)
- Yellow (35%)
- Blue (54%)



- Cyan (45%)
- Magenta (32%)
- Yellow (0%)
- Black (46%)



- Cyan (70%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5004681 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 5004681 by changing the saturation by 10% instead.

■ 5004681

■ 5004681

16777215

■ 3360367

■ 8425407

■ 1650519

■ 10136283

■ 6975

■ 11978231

■ 41

■ 13820415

■ 275

■ 15728127

■ 0

■ 5004681

■ 5004681

■ 4084617

■ 5924745

■ 3230089

■ 6779273

■ 2310025

■ 7699337

■ 1389961

■ 8619401

■ 470153

■ 9539209

■ 9865

■ 10393737

■ 11313801

■ 12233865

■ 13088393

Harmonies

Analogous

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



2122888



5004681



7099775

Triad

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



5004681



8737089



2976080

Complementary

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



5004681



9009228

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.



4941116



5004681



7821364

Square

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



5004681



8997973



6512690



27239

Rectangle

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



5004681



8081523



6512690



3696713

Sweetspot

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



5004681



10199731



5015928



4935513



14277081



5855577

Same Dimension

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



5004681



5533363



5852297



4079685



9605



261

Inverse Universe

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



8997981



11752558



8161612



4537920



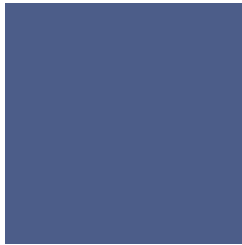
8716325



327681

Previews

White Background



This preview shows how the Decimal color 5004681 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 5004681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

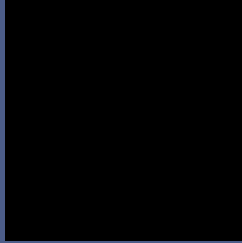
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

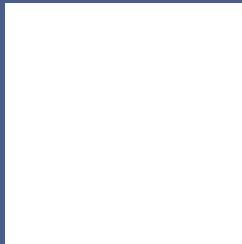
Any Text WCAG AAA × Fail

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

Decimal 5004681 Background



This preview shows how black text looks on a background with the Decimal color 5004681.

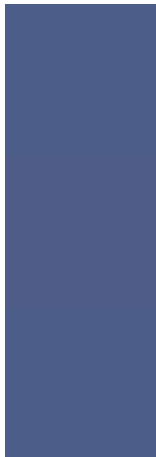


This preview shows how white text looks on a background with the Decimal color 5004681.

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
5004681

Protanopia
5201032

Deuteranopia
5004681



Tritanopia
4481899

Trichromacy



Original Color

5004681

Protanomaly

5135496

Deuteranomaly

5004681

Tritanomaly

4678006

Monochromacy



Original Color

5004681

Achromatopsia

6118749

Achromatomaly

5725549

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5004681 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 #4C5D89 looks like.

```
.text, #text, p{  
    color:#4C5D89  
}
```

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 #4C5D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5D89
}
```

Border

The CSS property to change the border of an element to Decimal 5004681 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
#4C5D89 }
```

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

```
.border{ border-color:#4C5D89 }
```

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

Here you see how a box with a 4 pixel #4C5D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5D89; -webkit-box-shadow:4px 4px  
4px 4px #4C5D89; box-shadow:4px 4px 4px  
4px #4C5D89 }
```

Background

The CSS property to change the background color of an element to Decimal 5004681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5D89 }
```

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

```
.background{ background-color:#4C5D89 }
```

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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