

Converting Colors

Decimal(5006213)

Have a look what the booklet for
Decimal(5006213) contains.

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Color

Decimal(5006213)

Conversions

Conversions Part 1

Format	Color
Hex	4C6385
RGB	76, 99, 133
RGB Percent	30%, 39%, 52%
CMY	0.7020, 0.6118, 0.4784
CMYK	0.43, 0.26, 0.00, 0.48
HSL	216°, 27%, 41%
HSV	216°, 43%, 52%
XYZ	11.6760, 12.1536, 23.9208
YIQ	95.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

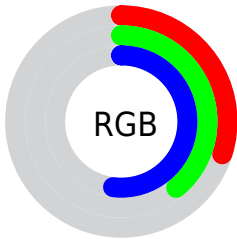
Format	Color
R_{YB}	76, 92, 133
Decimal	5006213
CIE Lab	41.46, 0.89, -21.61
CIE LCh	41, 21.630, 272.345
Yxy	12.1536, 0.2445, 0.2545
Android (android.graphics.Color)	4283196293 (0xFF4C6385)
YUV	95.9990, 18.2415, -17.5391
Hunter-Lab	34.8621, -1.2256, -16.2787

Details

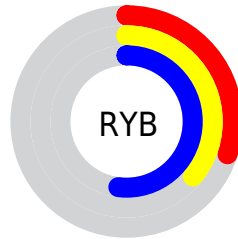
The Decimal color **5006213** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8744524**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8361658**, and **1717587** is the 20% darker color. If you saturate the color by 10%, you get **4152197**, and if you desaturate by 10%, it is **5860229**.

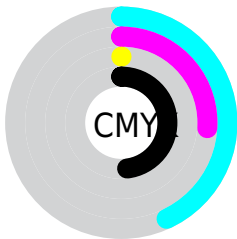
Distribution



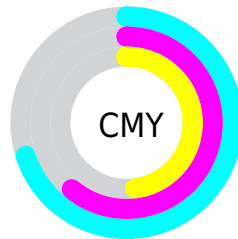
- Red (30%)
- Green (39%)
- Blue (52%)



- Red (30%)
- Yellow (36%)
- Blue (52%)



- Cyan (43%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5006213 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 5006213 by changing the saturation by 10% instead.

■ 5006213

■ 5006213

16777215

■ 3361644

■ 8361658

■ 1717587

■ 10137814

■ 8252

■ 11914482

■ 1830

■ 13756671

■ 272

■ 15663103

■ 0

■ 5006213

■ 5006213

■ 4152197

■ 5860229

■ 3232645

■ 6779781

■ 2378629

■ 7633797

■ 1524613

■ 8487813

■ 605061

■ 9407365

■ 13957

■ 10261381

■ 11115397

■ 11969157

■ 12888709

Harmonies

Analogous

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



3303553



5006213



6708608

Triad

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



5006213



8672848



4549201

Complementary

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



5006213



8744524

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.



5924419



5006213



8149827

Square

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



5006213



8672353



7168318



3173475

Rectangle

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



5006213



7625080



7168318



5007692

Sweetspot

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



5006213



9937069



5014893



4804183



14079702



5723991

Same Dimension

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



5006213



5601709



5328005



3948098



13442



259

Inverse Universe

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



8735843



11359609



8422732



4340798



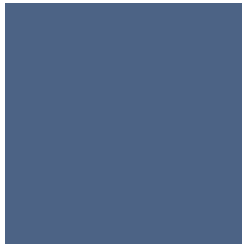
8519732



196609

Previews

White Background



This preview shows how the Decimal color 5006213 looks on a white background.

Color Contrast Check

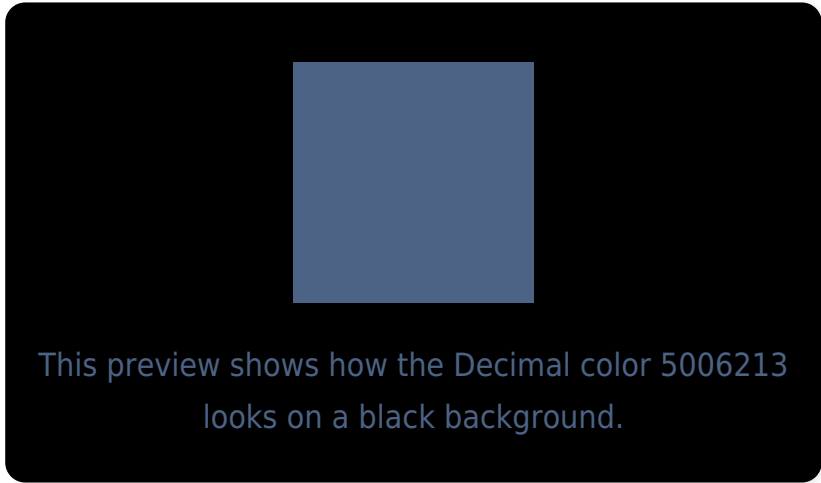
Large Text (above 18pt) WCAG AA ✓ Pass

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

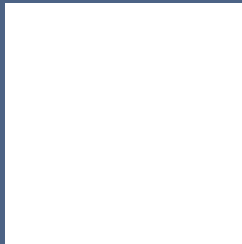
Any Text WCAG AAA × Fail

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

Decimal 5006213 Background



This preview shows how black text looks on a background with the Decimal color 5006213.

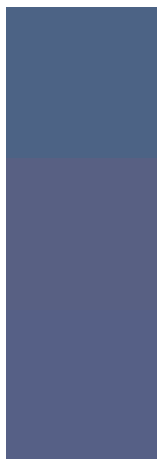


This preview shows how white text looks on a background with the Decimal color 5006213.

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


5006213

Protanopia

5791875

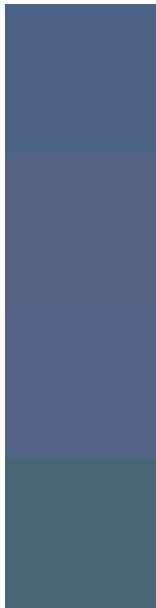
Deuteranopia

5660806



Tritanopia
4613999

Trichromacy



Original Color
5006213

Protanomaly
5529988

Deuteranomaly
5398918

Tritanomaly
4744823

Monochromacy



Original Color
5006213

Achromatopsia
6316128

Achromatomaly
5857645

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5006213 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 #4C6385 looks like.

```
.text, #text, p{  
  color:#4C6385  
}
```

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 #4C6385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6385
}
```

Border

The CSS property to change the border of an element to Decimal 5006213 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
#4C6385 }
```

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

```
.border{ border-color:#4C6385 }
```

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

Here you see how a box with a 4 pixel #4C6385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6385; -webkit-box-shadow:4px 4px  
4px 4px #4C6385; box-shadow:4px 4px 4px  
4px #4C6385 }
```

Background

The CSS property to change the background color of an element to Decimal 5006213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6385 }
```

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

```
.background{ background-color:#4C6385 }
```

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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