

Converting Colors

Decimal(5003373)

Have a look what the booklet for
Decimal(5003373) contains.

Decimal(5003373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5003373)

Conversions

Conversions Part 1

Format	Color
Hex	4C586D
RGB	76, 88, 109
RGB Percent	30%, 35%, 43%
CMY	0.7020, 0.6549, 0.5725
CMYK	0.30, 0.19, 0.00, 0.57
HSL	218°, 18%, 36%
HSV	218°, 30%, 43%
XYZ	9.2305, 9.6201, 15.8384
YIQ	86.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

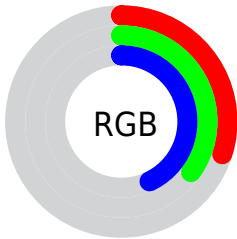
Format	Color
R_{YB}	76, 85, 109
Decimal	5003373
CIE _{Lab}	37.15, 0.72, -13.54
CIE _{LCh}	37, 13.562, 273.060
Yxy	9.6201, 0.2661, 0.2773
Android (android.graphics.Color)	4283193453 (0xFF4C586D)
YUV	86.8060, 10.9416, -9.4769
Hunter-Lab	31.0162, -1.1563, -8.5649

Details

The Decimal color **5003373** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7168332**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8293025**, and **1977149** is the 20% darker color. If you saturate the color by 10%, you get **4280685**, and if you desaturate by 10%, it is **5726061**.

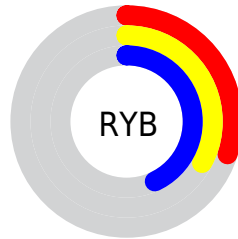
Distribution



 Red (30%)

 Green (35%)

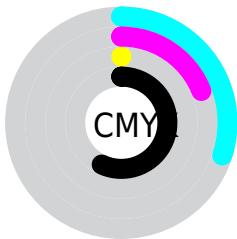
 Blue (43%)



 Red (30%)

 Yellow (33%)

 Blue (43%)

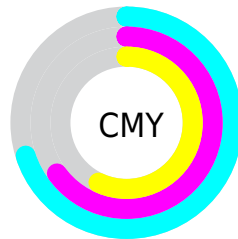


 Cyan (30%)

 Magenta (19%)

 Yellow (0%)

 Black (57%)



 Cyan (70%)

 Magenta (65%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5003373 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 5003373 by changing the saturation by 10% instead.

■ 5003373

■ 5003373

16777215

■ 3490133

■ 8293025

■ 1977149

■ 10003644

■ 529960

■ 11780055

■ 275

■ 13556724

■ 0

■ 15464447

■ 5003373

■ 5003373

■ 4280685

■ 5726061

■ 3557997

■ 6448749

■ 2835309

■ 7171437

■ 2112621

■ 7894125

■ 1389933

■ 8616813

■ 732781

■ 9273965

■ 10349

■ 9996653

■ 10719085

■ 11441773

Harmonies

Analogous

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



4152171



5003373



5985386

Triad

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



5003373



7164236



4611405

Complementary

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



5003373



7168332

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.



5462597



5003373



6837060

Square

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



5003373



7163991



6248258



3956312

Rectangle

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



5003373



6509157



6248258



4873290

Sweetspot

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



5003373



8554383



5008737



4211271



13092807



4671303

Same Dimension

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



5003373



5992079



5262445



3158582



11125



23029

Inverse Universe

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



7162968



9395054



6909260



3551282



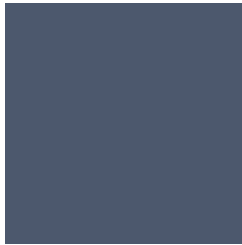
7667755



16056409

Previews

White Background



This preview shows how the Decimal color 5003373 looks on a white background.

Color Contrast Check

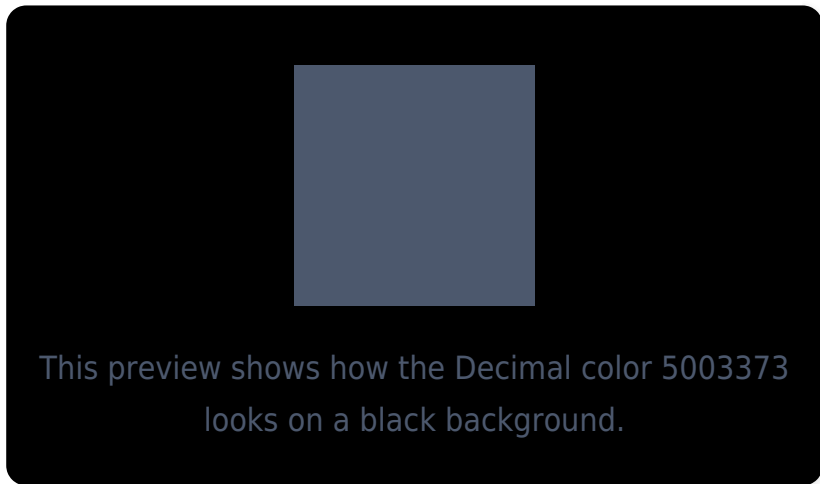
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

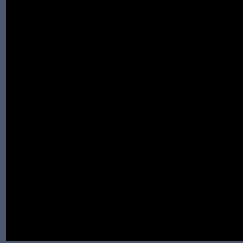
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

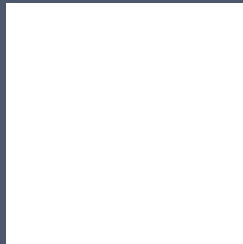
Any Text WCAG AAA × Fail

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

Decimal 5003373 Background



This preview shows how black text looks on a background with the Decimal color 5003373.

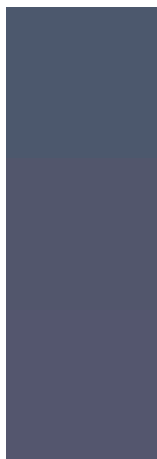


This preview shows how white text looks on a background with the Decimal color 5003373.

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
5003373

Protanopia
5396076

Deuteranopia
5527150



Tritanopia
4807265

Trichromacy



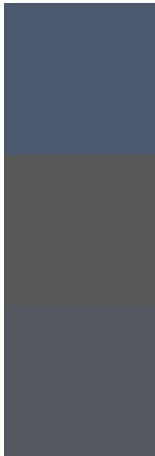
Original Color
5003373

Protanomaly
5265260

Deuteranomaly
5330798

Tritanomaly
4872549

Monochromacy



Original Color
5003373

Achromatopsia
5723991

Achromatomaly
5461855

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5003373 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 #4C586D looks like.

```
.text, #text, p{  
  color:#4C586D  
}
```

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 #4C586D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C586D
}
```

Border

The CSS property to change the border of an element to Decimal 5003373 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
#4C586D }
```

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

```
.border{ border-color:#4C586D }
```

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

Here you see how a box with a 4 pixel #4C586D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C586D; -webkit-box-shadow:4px 4px  
4px 4px #4C586D; box-shadow:4px 4px 4px  
4px #4C586D }
```

Background

The CSS property to change the background color of an element to Decimal 5003373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C586D }
```

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

```
.background{ background-color:#4C586D }
```

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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