

Converting Colors

Decimal(5002351)

Have a look what the booklet for
Decimal(5002351) contains.

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Color

Decimal(5002351)

Conversions

Conversions Part 1

Format	Color
Hex	4C546F
RGB	76, 84, 111
RGB Percent	30%, 33%, 44%
CMY	0.7020, 0.6706, 0.5647
CMYK	0.32, 0.24, 0.00, 0.56
HSL	226°, 19%, 37%
HSV	226°, 32%, 44%
XYZ	9.0201, 9.0248, 16.3055
YIQ	84.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

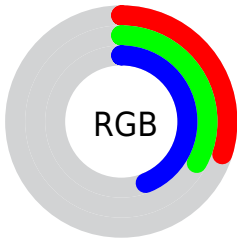
Format	Color
R_{YB}	76, 83, 111
Decimal	5002351
CIE _{Lab}	36.03, 3.79, -16.50
CIE _{LCh}	36, 16.927, 282.937
Yxy	9.0248, 0.2626, 0.2627
Android (android.graphics.Color)	4283192431 (0xFF4C546F)
YUV	84.6860, 12.9728, -7.6176
Hunter-Lab	30.0414, 1.0230, -11.1517

Details

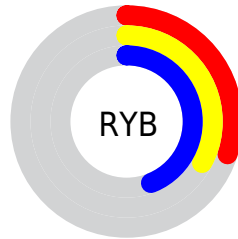
The Decimal color **5002351** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7300940**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8291747**, and **1976127** is the 20% darker color. If you saturate the color by 10%, you get **4279151**, and if you desaturate by 10%, it is **5725551**.

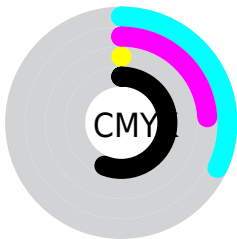
Distribution



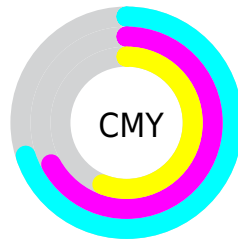
- Red (30%)
- Green (33%)
- Blue (44%)



- Red (30%)
- Yellow (33%)
- Blue (44%)



- Cyan (32%)
- Magenta (24%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5002351 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 5002351 by changing the saturation by 10% instead.

■ 5002351

■ 5002351

16777215

■ 3489111

■ 8291747

■ 1976127

■ 10002622

■ 529193

■ 11778778

■ 276

■ 13620982

■ 0

■ 15463423

■ 5002351

■ 5002351

■ 4279151

■ 5725551

■ 3556207

■ 6448495

■ 2833007

■ 7171695

■ 2110063

■ 7894639

■ 1386863

■ 8683375

■ 598383

■ 9406319

■ 6511

■ 10129519

■ 10852719

■ 11575663

Harmonies

Analogous

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



3758190



5002351



6180713

Triad

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



5002351



7228739



3824716

Complementary

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



5002351



7300940

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.



4806977



5002351



6639931

Square

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



5002351



7359311



5854778



3038298

Rectangle

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



5002351



6770017



5854778



4152136

Sweetspot

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



5002351



8685457



5009255



4342858



13224393



4868682

Same Dimension

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



5002351



5924753



5590127



3290168



7032



14839

Inverse Universe

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



7294036



9525863



6713164



3682868



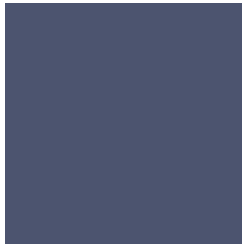
7864347



16187449

Previews

White Background



This preview shows how the Decimal color 5002351 looks on a white background.

Color Contrast Check

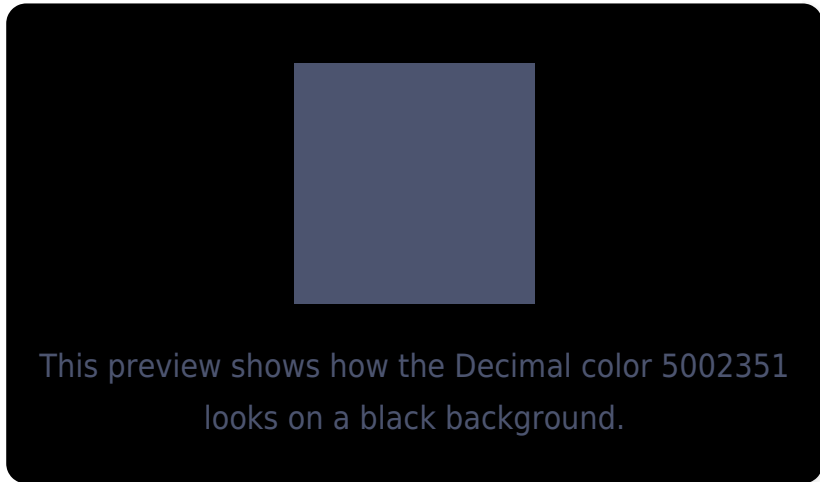
Large Text (above 18pt) WCAG AA ✓ Pass

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

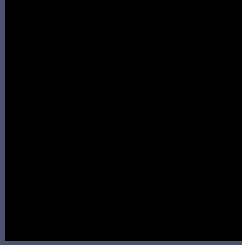
Any Text WCAG AA × Fail

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 5002351 Background



This preview shows how black text looks on a background with the Decimal color 5002351.

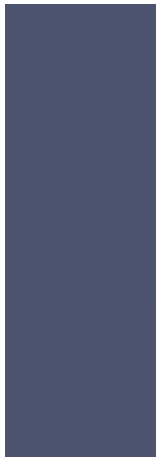


This preview shows how white text looks on a background with the Decimal color 5002351.

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
5002351

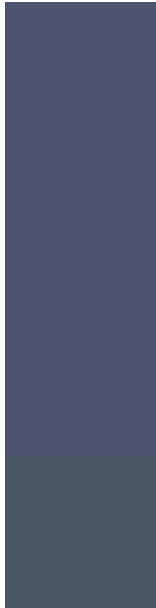
Protanopia
5067887

Deuteranopia
5133167



Tritanopia
4740958

Trichromacy



Original Color

5002351

Protanomaly

5067887

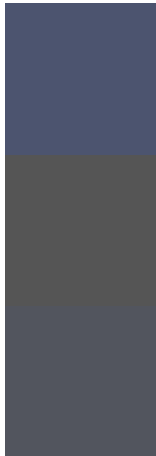
Deuteranomaly

5067631

Tritanomaly

4806244

Monochromacy



Original Color

5002351

Achromatopsia

5592405

Achromatomaly

5395806

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5002351 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 #4C546F looks like.

```
.text, #text, p{  
  color:#4C546F  
}
```

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 #4C546F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C546F
}
```

Border

The CSS property to change the border of an element to Decimal 5002351 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
#4C546F }
```

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

```
.border{ border-color:#4C546F }
```

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

Here you see how a box with a 4 pixel #4C546F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C546F; -webkit-box-shadow:4px 4px  
4px 4px #4C546F; box-shadow:4px 4px 4px  
4px #4C546F }
```

Background

The CSS property to change the background color of an element to Decimal 5002351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C546F }
```

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

```
.background{ background-color:#4C546F }
```

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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