

Converting Colors

Decimal(5065071)

Have a look what the booklet for
Decimal(5065071) contains.

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Color

Decimal(5065071)

Conversions

Conversions Part 1

Format	Color
Hex	4D496F
RGB	77, 73, 111
RGB Percent	30%, 29%, 44%
CMY	0.6980, 0.7137, 0.5647
CMYK	0.31, 0.34, 0.00, 0.56
HSL	246°, 21%, 36%
HSV	246°, 34%, 44%
XYZ	8.3124, 7.4906, 16.0466
YIQ	78.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

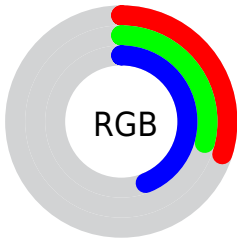
Format	Color
R_{YB}	77, 73, 111
Decimal	5065071
CIE _{Lab}	32.90, 11.17, -21.33
CIE _{LCh}	33, 24.081, 297.632
Yxy	7.4906, 0.2610, 0.2352
Android (android.graphics.Color)	4283255151 (0xFF4D496F)
YUV	78.5280, 16.0087, -1.3401
Hunter-Lab	27.3689, 6.3176, -15.6041

Details

The Decimal color **5065071** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7040841**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8354467**, and **2039103** is the 20% darker color. If you saturate the color by 10%, you get **4406895**, and if you desaturate by 10%, it is **5723247**.

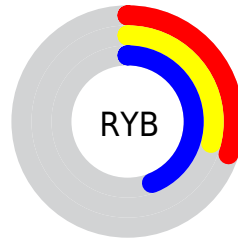
Distribution



Red (30%)

Green (29%)

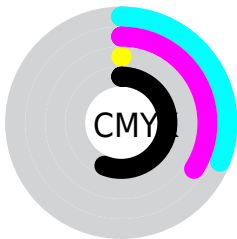
Blue (44%)



Red (30%)

Yellow (29%)

Blue (44%)

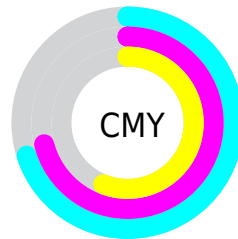


Cyan (31%)

Magenta (34%)

Yellow (0%)

Black (56%)



Cyan (70%)

Magenta (71%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5065071 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 5065071 by changing the saturation by 10% instead.

■ 5065071

■ 5065071

16777215

■ 3486294

■ 8354467

■ 2039103

■ 10064830

■ 656425

■ 11841242

■ 275

■ 13683190

■ 0

■ 15525375

■ 5065071

■ 5065071

■ 4406895

■ 5723247

■ 3748719

■ 6381423

■ 3090543

■ 7039599

■ 2432367

■ 7697775

■ 1773935

■ 8356207

■ 1115759

■ 9014383

■ 786543

■ 9672559

■ 10265199

■ 10923375

Harmonies

Analogous

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



2969715



5065071



6570594

Triad

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



5065071



6964526



1201995

Complementary

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



5065071



7040841

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.



3233080



5065071



5983271

Square

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



5065071



7422013



4674091



22366

Rectangle

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



5065071



7159638



4674091



1988421

Sweetspot

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



5065071



8684433



4811631



4342090



13224393



4868682

Same Dimension

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



5065071



6051473



6310255



3355192



852088



1704183

Inverse Universe

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



7293291



9524875



5795657



3682872



7864427



16187613

Previews

White Background



This preview shows how the Decimal color 5065071 looks on a white background.

Color Contrast Check

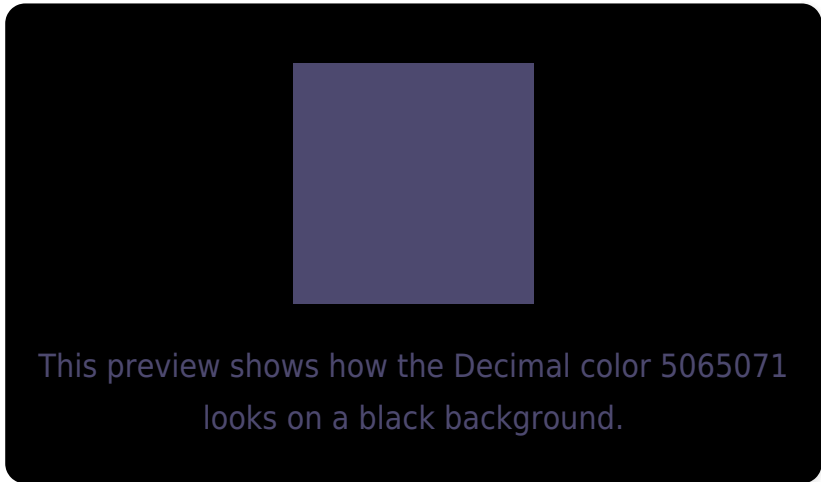
Large Text (above 18pt) WCAG AA ✓ Pass

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

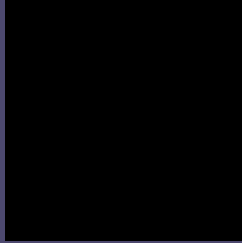
Any Text WCAG AA × Fail

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 5065071 Background



This preview shows how black text looks on a background with the Decimal color 5065071.

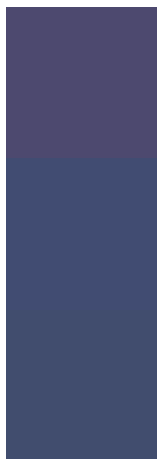


This preview shows how white text looks on a background with the Decimal color 5065071.

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
5065071

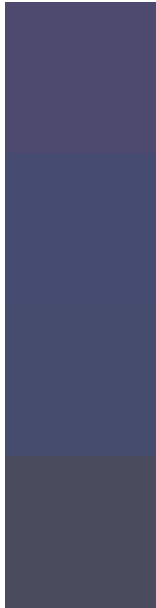
Protanopia
4279410

Deuteranopia
4279662



Tritanopia
4738645

Trichromacy



Original Color
5065071

Protanomaly
4541297

Deuteranomaly
4541550

Tritanomaly
4869214

Monochromacy



Original Color
5065071

Achromatopsia
5197647

Achromatomaly
5131611

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5065071 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 #4D496F looks like.

```
.text, #text, p{  
    color:#4D496F  
}
```

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 #4D496F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D496F
}
```

Border

The CSS property to change the border of an element to Decimal 5065071 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
#4D496F }
```

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

```
.border{ border-color:#4D496F }
```

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

Here you see how a box with a 4 pixel #4D496F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D496F; -webkit-box-shadow:4px 4px  
4px 4px #4D496F; box-shadow:4px 4px 4px  
4px #4D496F }
```

Background

The CSS property to change the background color of an element to Decimal 5065071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D496F }
```

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

```
.background{ background-color:#4D496F }
```

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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