

Converting Colors

Decimal(5066383)

Have a look what the booklet for
Decimal(5066383) contains.

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Color

Decimal(5066383)

Conversions

Conversions Part 1

Format	Color
Hex	4D4E8F
RGB	77, 78, 143
RGB Percent	30%, 31%, 56%
CMY	0.6980, 0.6941, 0.4392
CMYK	0.46, 0.45, 0.00, 0.44
HSL	239°, 30%, 43%
HSV	239°, 46%, 56%
XYZ	10.7429, 9.0097, 27.1594
YIQ	85.1110, -21.4610, 20.0030

Conversions

Conversions Part 2

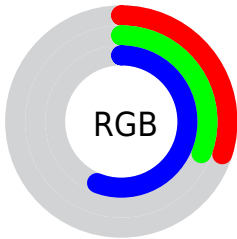
Format	Color
R_{YB}	77, 78, 143
Decimal	5066383
CIE _{Lab}	36.00, 17.60, -36.24
CIE _{LCh}	36, 40.284, 295.903
Yxy	9.0097, 0.2290, 0.1921
Android (android.graphics.Color)	4283256463 (0xFF4D4E8F)
YUV	85.1110, 28.5393, -7.1133
Hunter-Lab	30.0162, 11.3573, -32.6358

Details

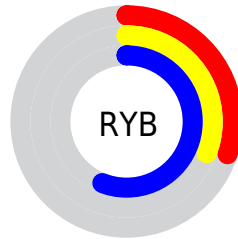
The Decimal color **5066383** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9408077**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8552389**, and **1516124** is the 20% darker color. If you saturate the color by 10%, you get **4145295**, and if you desaturate by 10%, it is **5987471**.

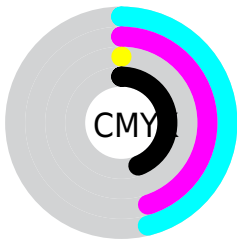
Distribution



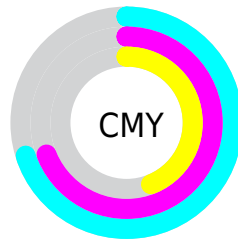
- Red (30%)
- Green (31%)
- Blue (56%)



- Red (30%)
- Yellow (31%)
- Blue (56%)



- Cyan (46%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5066383 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 5066383 by changing the saturation by 10% instead.

■ 5066383

■ 5066383

16777215

■ 3356533

■ 8552389

■ 1516124

■ 10328545

■ 3652

■ 12104958

■ 813

■ 14012415

■ 280

■ 15920127

■ 0

■ 5066383

■ 5066383

■ 4145295

■ 5987471

■ 3158671

■ 6974095

■ 2237583

■ 7895183

■ 1316495

■ 8816271

■ 329871

■ 9802895

■ 655

■ 10724239

■ 11645327

■ 12566415

■ 13553039

Harmonies

Analogous

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



23189



5066383



7880825

Triad

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



5066383



8471839



25679

Complementary

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



5066383



9408077

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.



1925423



5066383



6902285

Square

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



5066383



9320762



4872981



25712

Rectangle

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



5066383



8861797



4872981



25412

Sweetspot

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



5066383



10526906



5083022



5132126



14606046



6184542

Same Dimension

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



5066383



5526970



7163279



4210759



647



8

Inverse Universe

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



9391438



12211285



7311181



4669504



8847362



524288

Previews

White Background



This preview shows how the Decimal color 5066383 looks on a white background.

Color Contrast Check

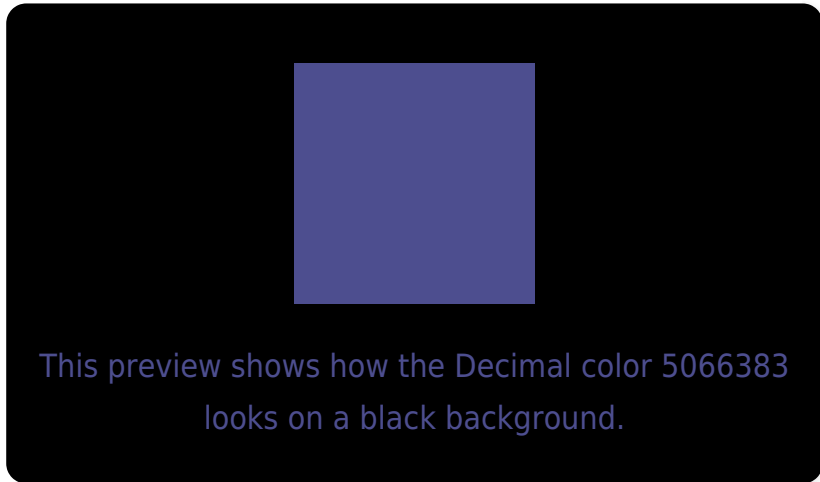
Large Text (above 18pt) WCAG AA ✓ Pass

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

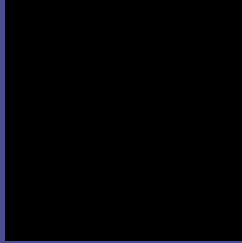
Any Text WCAG AA × Fail

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 5066383 Background



This preview shows how black text looks on a background with the Decimal color 5066383.




This preview shows how white text looks on a background with the Decimal color 5066383.

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





Tritanopia
4217184

Trichromacy



Original Color
5066383

Protanomaly
4149650

Deuteranomaly
3756686

Tritanomaly
4543857

Monochromacy



Original Color
5066383

Achromatopsia
5592405

Achromatomaly
5395050

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5066383 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 #4D4E8F looks like.

```
.text, #text, p{  
    color:#4D4E8F  
}
```

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 #4D4E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4E8F
}
```

Border

The CSS property to change the border of an element to Decimal 5066383 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
#4D4E8F }
```

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

```
.border{ border-color:#4D4E8F }
```

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

Here you see how a box with a 4 pixel #4D4E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4E8F; -webkit-box-shadow:4px 4px  
4px 4px #4D4E8F; box-shadow:4px 4px 4px  
4px #4D4E8F }
```

Background

The CSS property to change the background color of an element to Decimal 5066383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4E8F }
```

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

```
.background{ background-color:#4D4E8F }
```

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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