

Converting Colors

Decimal(4606069)

Have a look what the booklet for
Decimal(4606069) contains.

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Color

Decimal(4606069)

Conversions

Conversions Part 1

Format	Color
Hex	464875
RGB	70, 72, 117
RGB Percent	27%, 28%, 46%
CMY	0.7255, 0.7176, 0.5412
CMYK	0.40, 0.38, 0.00, 0.54
HSL	237°, 25%, 37%
HSV	237°, 40%, 46%
XYZ	8.0540, 7.2212, 17.7990
YIQ	76.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

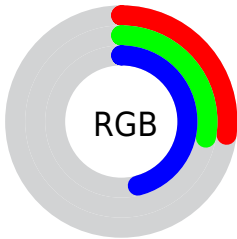
Format	Color
R_{YB}	70, 72, 117
Decimal	4606069
CIE _{Lab}	32.31, 11.40, -26.07
CIE _{LCh}	32, 28.455, 293.623
Yxy	7.2212, 0.2435, 0.2183
Android (android.graphics.Color)	4282796149 (0xFF464875)
YUV	76.5320, 19.9507, -5.7286
Hunter-Lab	26.8722, 6.4729, -20.4604

Details

The Decimal color **4606069** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7697222**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7895209**, and **1383748** is the 20% darker color. If you saturate the color by 10%, you get **3816821**, and if you desaturate by 10%, it is **5395317**.

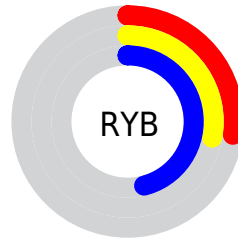
Distribution



Red (27%)

Green (28%)

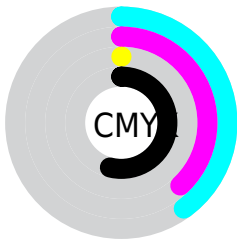
Blue (46%)



Red (27%)

Yellow (28%)

Blue (46%)

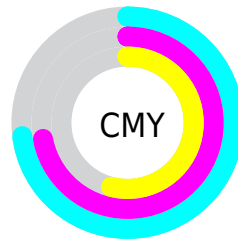


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4606069 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 4606069 by changing the saturation by 10% instead.

■ 4606069

■ 4606069

16777215

■ 3027548

■ 7895209

■ 1383748

■ 9671365

■ 814

■ 11447777

■ 281

■ 13224190

■ 0

■ 15131903

■ 4606069

■ 4606069

■ 3816821

■ 5395317

■ 3093109

■ 6119029

■ 2303605

■ 6908533

■ 1514357

■ 7697781

■ 790645

■ 8487029

■ 1397

■ 9210741

■ 9999989

■ 10789493

■ 11513205

Harmonies

Analogous

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



1331320



4606069



6504295

Triad

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



4606069



7225641



22342

Complementary

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



4606069



7697222

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.



2970928



4606069



6113566

Square

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



4606069



7748155



4739105



22365

Rectangle

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



4606069



7289689



4739105



1201983

Sweetspot

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



4606069



8882073



4617587



4342349



13421772



5066061

Same Dimension

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



4606069



5264281



5981813



3487035



1402



3066

Inverse Universe

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



7685704



10047571



6321478



3880245



7995397



16384011

Previews

White Background



This preview shows how the Decimal color 4606069 looks on a white background.

Color Contrast Check

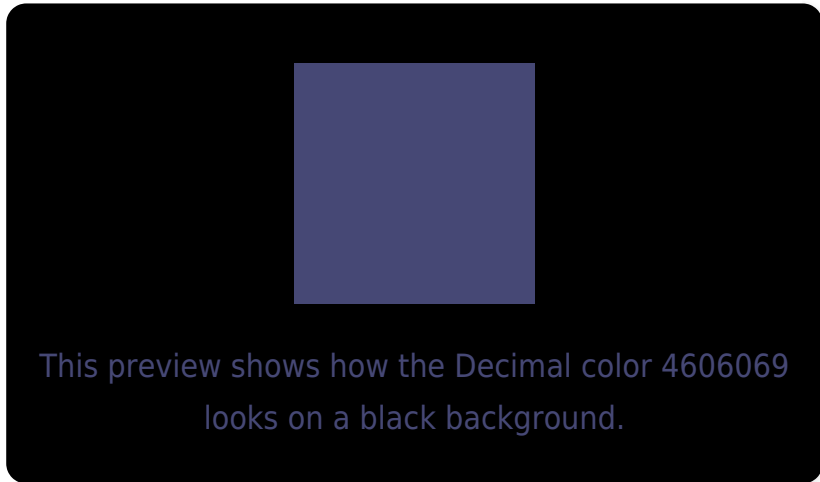
Large Text (above 18pt) WCAG AA ✓ Pass

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

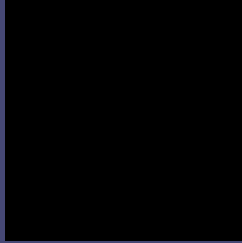
Any Text WCAG AA × Fail

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 4606069 Background



This preview shows how black text looks on a background with the Decimal color 4606069.



This preview shows how white text looks on a background with the Decimal color 4606069.

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

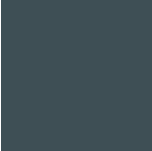
4606069

Protanopia

3885687

Deuteranopia

3689588



Tritanopia
4083541

Trichromacy



Original Color
4606069

Protanomaly
4147574

Deuteranomaly
4017012

Tritanomaly
4279393

Monochromacy



Original Color
4606069

Achromatopsia
5066061

Achromatomaly
4868956

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4606069 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 #464875 looks like.

```
.text, #text, p{  
  color:#464875  
}
```

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 #464875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464875  
}
```

Border

The CSS property to change the border of an element to Decimal 4606069 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  
#464875 }
```

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

```
.border{ border-color:#464875 }
```

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

Here you see how a box with a 4 pixel #464875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464875; -webkit-box-shadow:4px 4px  
4px 4px #464875; box-shadow:4px 4px 4px  
4px #464875 }
```

Background

The CSS property to change the background color of an element to Decimal 4606069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464875 }
```

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

```
.background{ background-color:#464875 }
```

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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