

Converting Colors

Decimal(3096177)

Have a look what the booklet for
Decimal(3096177) contains.

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Color

Decimal(3096177)

Conversions

Conversions Part 1

Format	Color
Hex	2F3E71
RGB	47, 62, 113
RGB Percent	18%, 24%, 44%
CMY	0.8157, 0.7569, 0.5569
CMYK	0.58, 0.45, 0.00, 0.56
HSL	226°, 41%, 31%
HSV	226°, 58%, 44%
XYZ	5.8756, 5.2418, 16.3249
YIQ	63.3290, -25.3110, 12.6810

Conversions

Conversions Part 2

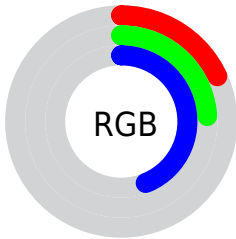
Format	Color
R_{YB}	47, 59, 113
Decimal	3096177
CIE _{Lab}	27.41, 10.58, -31.40
CIE _{LCh}	27, 33.133, 288.613
Yxy	5.2418, 0.2141, 0.1910
Android (android.graphics.Color)	4281286257 (0xFF2F3E71)
YUV	63.3290, 24.4878, -14.3205
Hunter-Lab	22.8951, 5.7420, -26.2490

Details

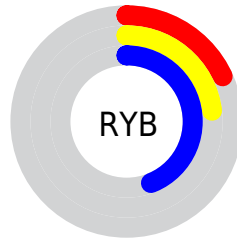
The Decimal color **3096177** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7430703**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **6516133**, and **5441** is the 20% darker color. If you saturate the color by 10%, you get **2372977**, and if you desaturate by 10%, it is **3819377**.

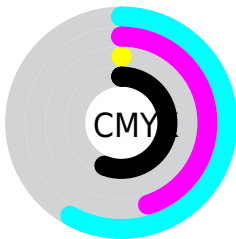
Distribution



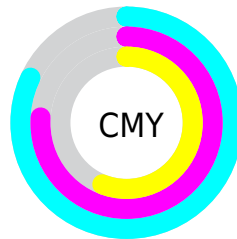
- Red (18%)
- Green (24%)
- Blue (44%)



- Red (18%)
- Yellow (23%)
- Blue (44%)



- Cyan (58%)
- Magenta (45%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3096177 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 3096177 by changing the saturation by 10% instead.

■ 3096177

■ 3096177

16777215

■ 1255512

■ 6516133

■ 5441

■ 8226497

■ 810

■ 10002909

■ 276

■ 11779321

■ 0

■ 13621247

■ 15529215

■ 3096177

■ 3096177

■ 2372977

■ 3819377

■ 1584497

■ 4607857

■ 861297

■ 5331057

■ 138097

■ 6054257

■ 6769

■ 6842993

■ 7565937

■ 8289137

■ 9012337

■ 9801073

Harmonies

Analogous

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



18034



3096177



5649251

Triad

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



3096177



6763035



19510

Complementary

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



3096177



7430703

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.



2116125



3096177



5651467

Square

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



3096177



7285298



4146187



19792

Rectangle

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



3096177



6630740



4146187



19501

Sweetspot

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



3096177



7962516



3109218



3816778



13224393



4868682

Same Dimension

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



3096177



2901140



4271985



3290168



7032



14583

Inverse Universe

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



7417662



9710660



6254895



3682868



7864347



16187448

Previews

White Background



This preview shows how the Decimal color 3096177 looks on a white background.

Color Contrast Check

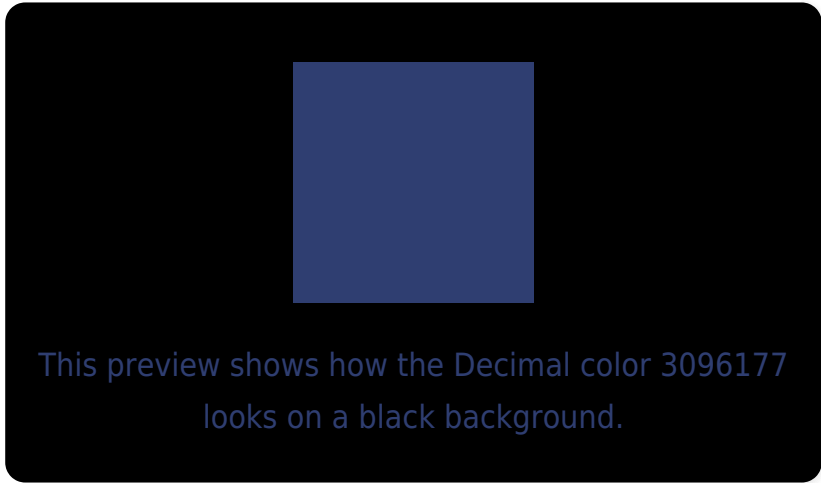
Large Text (above 18pt) WCAG AA ✓ Pass

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 3096177 Background



This preview shows how black text looks on a background with the Decimal color 3096177.



This preview shows how white text looks on a background with the Decimal color 3096177.

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

3096177

Protanopia

2703218

Deuteranopia

1786224

Trichromacy



Original Color
3096177

Protanomaly
2834290

Deuteranomaly
2244720

Tritanomaly
2442073

Monochromacy



Original Color
3096177

Achromatopsia
4144959

Achromatomaly
3751761

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3096177 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 #2F3E71 looks like.

```
.text, #text, p{  
  color:#2F3E71  
}
```

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 #2F3E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3E71
}
```

Border

The CSS property to change the border of an element to Decimal 3096177 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
#2F3E71 }
```

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

```
.border{ border-color:#2F3E71 }
```

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

Here you see how a box with a 4 pixel #2F3E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3E71; -webkit-box-shadow:4px 4px  
4px 4px #2F3E71; box-shadow:4px 4px 4px  
4px #2F3E71 }
```

Background

The CSS property to change the background color of an element to Decimal 3096177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3E71 }
```

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

```
.background{ background-color:#2F3E71 }
```

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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