

Converting Colors

Decimal(3023780)

Have a look what the booklet for
Decimal(3023780) contains.

Decimal(3023780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3023780)

Conversions

Conversions Part 1

Format	Color
Hex	2E23A4
RGB	46, 35, 164
RGB Percent	18%, 14%, 64%
CMY	0.8196, 0.8627, 0.3569
CMYK	0.72, 0.79, 0.00, 0.36
HSL	245°, 65%, 39%
HSV	245°, 79%, 64%
XYZ	8.4286, 4.4632, 35.5392
YIQ	52.9950, -34.8530, 42.4510

Conversions

Conversions Part 2

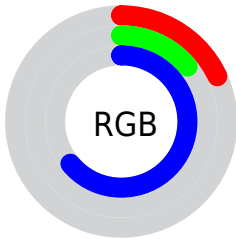
Format	Color
R_{YB}	46, 35, 164
Decimal	3023780
CIE _{Lab}	25.15, 45.61, -66.76
CIE _{LCh}	25, 80.852, 304.340
Yxy	4.4632, 0.1740, 0.0922
Android (android.graphics.Color)	4281213860 (0xFF2E23A4)
YUV	52.9950, 54.7255, -6.1346
Hunter-Lab	21.1264, 34.2432, -84.9503

Details

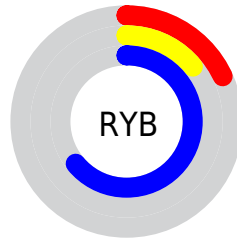
The Decimal color **3023780** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **10069027**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **7230428**, and **111** is the 20% darker color. If you saturate the color by 10%, you get **2036644**, and if you desaturate by 10%, it is **4010916**.

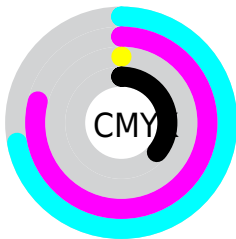
Distribution



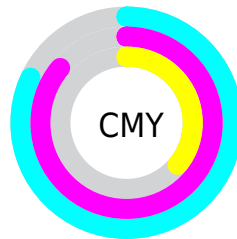
- Red (18%)
- Green (14%)
- Blue (64%)



- Red (18%)
- Yellow (14%)
- Blue (64%)



- Cyan (72%)
- Magenta (79%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (86%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3023780 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 3023780 by changing the saturation by 10% instead.

■ 3023780

■ 3023780

16777215

■ 2953

■ 7230428

■ 111

■ 9202937

■ 85

■ 11110143

■ 1597

■ 13082879

■ 806

■ 15056127

■ 271

■ 16767231

■ 0

■ 16774399

■ 3023780

■ 3023780

■ 2036644

■ 4010916

■ 1049252

■ 4998308

■ 917668

■ 5985444

■ 6972836

■ 7959972

■ 8947108

■ 9934500

■ 10921636

■ 11909028

Harmonies

Analogous

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



17595



3023780



8781938

Triad

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



3023780



7478784



20548

Complementary

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



3023780



10069027

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.



19968



3023780



4340992

Square

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



3023780



9633792



18688



20865

Rectangle

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



3023780



10027082



18688



20270

Sweetspot

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



3023780



10986454



2333092



5196907



15461355



7039851

Same Dimension

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



3023780



1969622



7218084



4868434



786577



131090

Inverse Universe

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



10757017



14028229



5874723



5392721



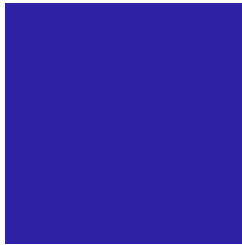
9502853



1179664

Previews

White Background



This preview shows how the Decimal color 3023780 looks on a white background.

Color Contrast Check

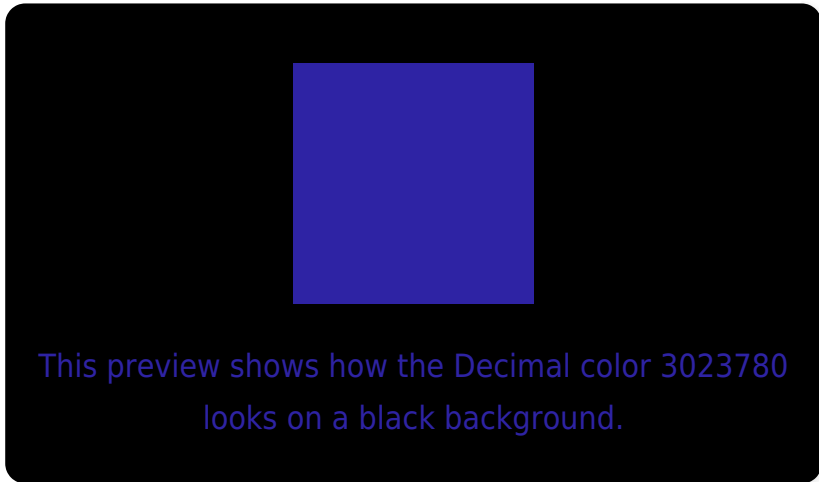
Large Text (above 18pt) WCAG AA ✓ Pass

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

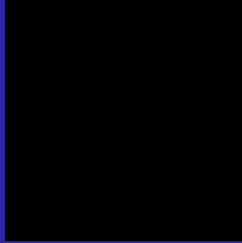
Any Text WCAG AA × Fail

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 3023780 Background



This preview shows how black text looks on a background with the Decimal color 3023780.

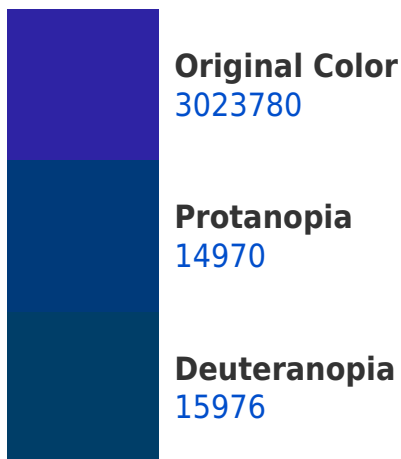


This preview shows how white text looks on a background with the Decimal color 3023780.

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



Trichromacy



Original Color
3023780

Protanomaly
1127049

Deuteranomaly
1127550

Tritanomaly
1128297

Monochromacy



Original Color
3023780

Achromatopsia
3487029

Achromatomaly
3288669

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3023780 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 #2E23A4 looks like.

```
.text, #text, p{  
    color:#2E23A4  
}
```

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 #2E23A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E23A4
}
```

Border

The CSS property to change the border of an element to Decimal 3023780 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
#2E23A4 }
```

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

```
.border{ border-color:#2E23A4 }
```

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

Here you see how a box with a 4 pixel #2E23A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E23A4; -webkit-box-shadow:4px 4px  
4px 4px #2E23A4; box-shadow:4px 4px 4px  
4px #2E23A4 }
```

Background

The CSS property to change the background color of an element to Decimal 3023780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E23A4 }
```

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

```
.background{ background-color:#2E23A4 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor