

# Converting Colors

Decimal(3090524)

Have a look what the booklet for  
Decimal(3090524) contains.

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# Color

**Decimal(3090524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F285C
RGB	47, 40, 92
RGB Percent	18%, 16%, 36%
CMY	0.8157, 0.8431, 0.6392
CMYK	0.49, 0.57, 0.00, 0.64
HSL	248°, 39%, 26%
HSV	248°, 57%, 36%
XYZ	3.8628, 2.8946, 10.4803
YIQ	48.0210, -12.5200, 17.6560

# Conversions

## Conversions Part 2

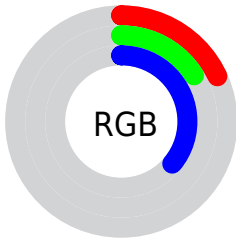
Format	Color
<b>R<sub>YB</sub></b>	47, 40, 92
Decimal	3090524
CIE Lab	19.62, 18.39, -30.25
CIE LCh	20, 35.399, 301.292
Yxy	2.8946, 0.2241, 0.1679
Android (android.graphics.Color)	4281280604 (0xFF2F285C)
YUV	48.0210, 21.6816, -0.8954
Hunter-Lab	17.0136, 10.7537, -24.6130

# Details

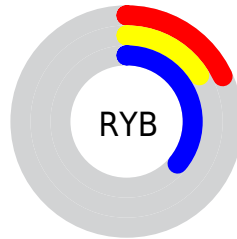
The Decimal color **3090524** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5594152**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **6313359**, and **131118** is the 20% darker color. If you saturate the color by 10%, you get **2563932**, and if you desaturate by 10%, it is **3617116**.

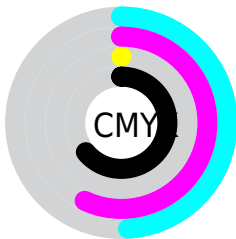
# Distribution



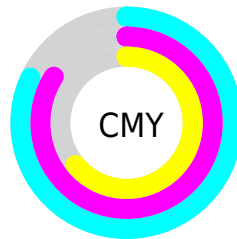
- Red (18%)
- Green (16%)
- Blue (36%)



- Red (18%)
- Yellow (16%)
- Blue (36%)



- Cyan (49%)
- Magenta (57%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (84%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3090524 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 3090524 by changing the saturation by 10% instead.



■ 3090524

■ 3090524

16777215

■ 1446980

■ 6313359

■ 131118

■ 8023721

■ 280

■ 9799621

■ 0

■ 11575777

■ 13417726

■ 15259903

■ 16774655

■ 3090524

■ 3090524

■ 2563932

■ 3617116

■ 2037340

■ 4143708

■ 1510492

■ 4670556

■ 983900

■ 5197148

■ 786524

■ 5723740

■ 6250332

■ 6776924

■ 7303772

■ 7830364

# Harmonies

## Analogous

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



12900



3090524



5184329

# Triad

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



3090524



5121024



15152

# Complementary

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



3090524



5594152

# 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.



14613



3090524



3878656

# Square

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



3090524



5904406



2176256



15178

# Rectangle

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



3090524



5837624



2176256



15143



# Sweetspot

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



3090524



6710136



2643292



3354941



12434877



4013373



# Same Dimension

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



3090524



3221112



4794460



2763054



983150



2097389



# Inverse Universe

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



6039637



7874157



3890216



3025197



7209055



15532237



# Previews

## White Background



This preview shows how the Decimal color 3090524 looks on a white background.

## Color Contrast Check

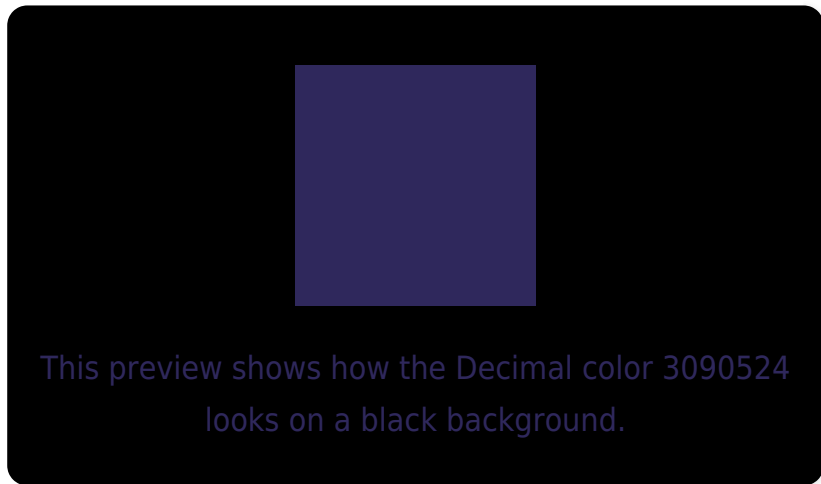
Large Text (above 18pt) WCAG AA ✓ Pass

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

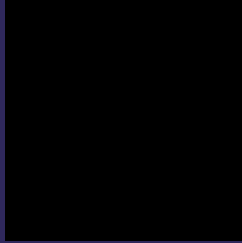
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3090524 Background



This preview shows how black text looks on a background with the Decimal color 3090524.

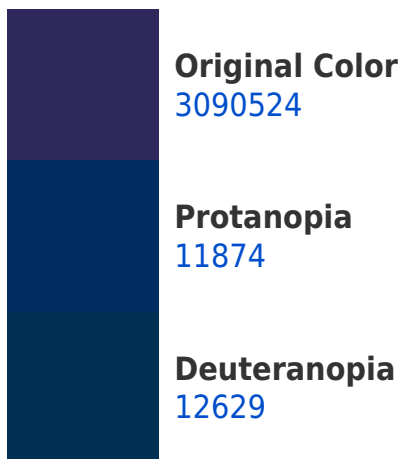


This preview shows how white text looks on a background with the Decimal color 3090524.

# 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**  
2372150

# Trichromacy



**Original Color**  
3090524

**Protanomaly**  
1125472

**Deuteranomaly**  
1125976

**Tritanomaly**  
2633284

# Monochromacy



**Original Color**  
3090524

**Achromatopsia**  
3158064

**Achromatomaly**  
3157312

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3090524 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 #2F285C looks like.

```
.text, #text, p{  
  color:#2F285C  
}
```

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 #2F285C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F285C
}
```

## Border

The CSS property to change the border of an element to Decimal 3090524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

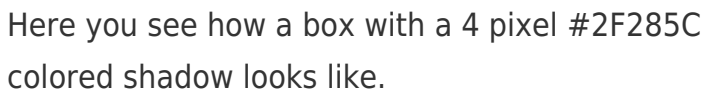
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F285C }
```

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

```
.border{ border-color:#2F285C }
```

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



Here you see how a box with a 4 pixel #2F285C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F285C; -webkit-box-shadow:4px 4px  
4px 4px #2F285C; box-shadow:4px 4px 4px  
4px #2F285C }
```

# Background

The CSS property to change the background color of an element to Decimal 3090524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F285C }
```

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

```
.background{ background-color:#2F285C }
```

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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