

# Converting Colors

Decimal(3226216)

Have a look what the booklet for  
Decimal(3226216) contains.

<b>Decimal(3226216)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(3226216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	313A68
RGB	49, 58, 104
RGB Percent	19%, 23%, 41%
CMY	0.8078, 0.7725, 0.5922
CMYK	0.53, 0.44, 0.00, 0.59
HSL	230°, 36%, 30%
HSV	230°, 53%, 41%
XYZ	5.2784, 4.6786, 13.7216
YIQ	60.5530, -20.1300, 12.3980

# Conversions

## Conversions Part 2

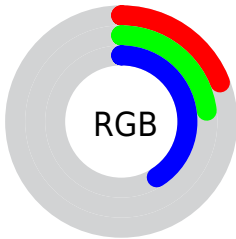
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 57, 104
Decimal	3226216
CIE <sub>Lab</sub>	25.80, 10.59, -28.20
CIE <sub>LCh</sub>	26, 30.129, 290.588
Yxy	4.6786, 0.2229, 0.1976
Android (android.graphics.Color)	4281416296 (0xFF313A68)
YUV	60.5530, 21.4194, -10.1320
Hunter-Lab	21.6300, 5.7070, -22.4712

# Details

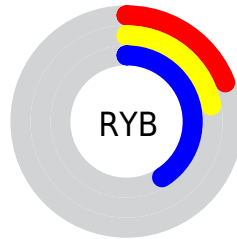
The Decimal color **3226216** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6840113**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **6515100**, and **4152** is the 20% darker color. If you saturate the color by 10%, you get **2568552**, and if you desaturate by 10%, it is **3883880**.

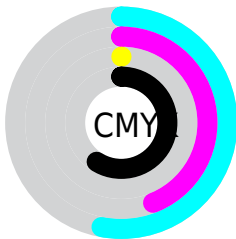
# Distribution



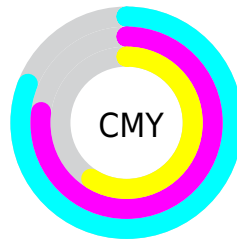
- Red (19%)
- Green (23%)
- Blue (41%)



- Red (19%)
- Yellow (22%)
- Blue (41%)



- Cyan (53%)
- Magenta (44%)
- Yellow (0%)
- Black (59%)



- Cyan (81%)
- Magenta (77%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3226216 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 3226216 by changing the saturation by 10% instead.



■ 3226216

■ 3226216

16777215

■ 1516880

■ 6515100

■ 4152

■ 8225463

■ 547

■ 10001618

■ 9

■ 11778031

■ 0

■ 13619967

■ 15527935

■ 3226216

■ 3226216

■ 2568552

■ 3883880

■ 1845608

■ 4606824

■ 1187944

■ 5264488

■ 464744

■ 5987688

■ 4456

■ 6645096

■ 7302760

■ 8025960

■ 8683624

■ 9406568

# Harmonies

## Analogous

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



17002



3226216



5386330

# Triad

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



3226216



6238234



18485

# Complementary

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



3226216



6840113

# 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.



1983775



3226216



5191949

# Square

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



3226216



6760750



3817743



18508

# Rectangle

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



3226216



6237005



3817743



18221



# Sweetspot

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



3226216



7501191



3237983



3684933



12895428



4539717



# Same Dimension

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



3226216



3293319



4403560



3026739



4979



10482



# Inverse Universe

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



6828346



8860224



5662769



3354159



7536659



15859752



# Previews

## White Background



This preview shows how the Decimal color 3226216 looks on a white background.

## Color Contrast Check

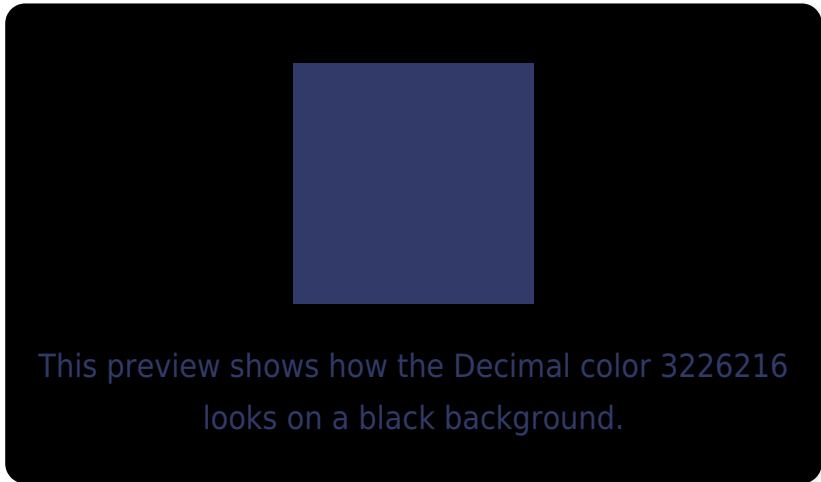
Large Text (above 18pt) WCAG AA ✓ Pass

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

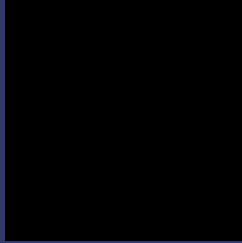
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3226216 Background



This preview shows how black text looks on a background with the Decimal color 3226216.



This preview shows how white text looks on a background with the Decimal color 3226216.

# 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**

3226216

**Protanopia**

2702442

**Deuteranopia**

2047591



**Tritanopia**  
2507079

# Trichromacy



**Original Color**  
3226216

**Protanomaly**  
2898793

**Deuteranomaly**  
2506087

**Tritanomaly**  
2768467

# Monochromacy



**Original Color**  
3226216

**Achromatopsia**  
4013373

**Achromatomaly**  
3750989

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3226216 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 #313A68 looks like.

```
.text, #text, p{  
    color:#313A68  
}
```

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 #313A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313A68
}
```

## Border

The CSS property to change the border of an element to Decimal 3226216 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
#313A68 }
```

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

```
.border{ border-color:#313A68 }
```

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

Here you see how a box with a 4 pixel #313A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313A68; -webkit-box-shadow:4px 4px  
4px 4px #313A68; box-shadow:4px 4px 4px  
4px #313A68 }
```

# Background

The CSS property to change the background color of an element to Decimal 3226216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313A68 }
```

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

```
.background{ background-color:#313A68 }
```

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