

# Converting Colors

Decimal(2566750)

Have a look what the booklet for  
Decimal(2566750) contains.

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# Color

**Decimal(2566750)**

# Conversions

Conversions Part 1	
Format	Color
Hex	272A5E
RGB	39, 42, 94
RGB Percent	15%, 16%, 37%
CMY	0.8471, 0.8353, 0.6314
CMYK	0.59, 0.55, 0.00, 0.63
HSL	237°, 41%, 26%
HSV	237°, 59%, 37%
XYZ	3.6850, 2.8954, 10.9543
YIQ	47.0310, -18.4800, 15.5360

# Conversions

## Conversions Part 2

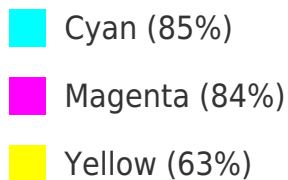
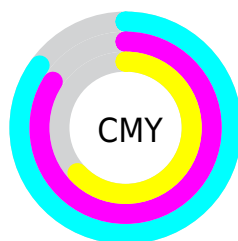
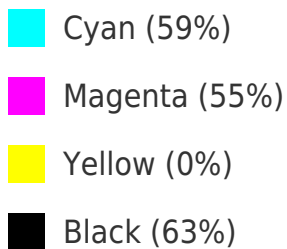
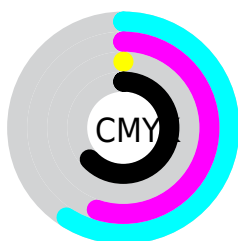
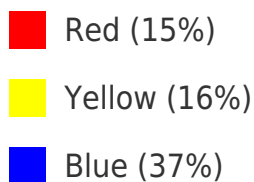
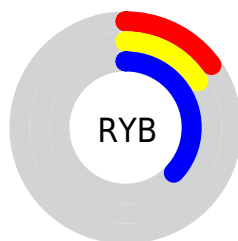
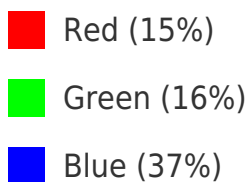
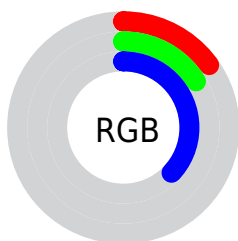
Format	Color
<a href="#">RYB</a>	<a href="#">39, 42, 94</a>
Decimal	<a href="#">2566750</a>
CIELab	<a href="#">19.62, 15.69, -31.61</a>
CIELCh	<a href="#">20, 35.287, 296.406</a>
Yxy	<a href="#">2.8954, 0.2102, 0.1651</a>
Android (android.graphics.Color)	<a href="#">4280756830</a> (0xFF272A5E)
YUV	<a href="#">47.0310, 23.1557, -7.0432</a>
Hunter-Lab	<a href="#">17.0159, 8.8789, -26.2579</a>

# Details

The Decimal color **2566750** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6183719**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **5855121**, and **48** is the 20% darker color. If you saturate the color by 10%, you get **1974622**, and if you desaturate by 10%, it is **3158878**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Decimal color 2566750 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 2566750 by changing the saturation by 10% instead.



 2566750

 2566750

16777215

 726598

 5855121


 48

 7565484

 282

 9275847

 0

 11117539

 12893951

 14801663

 16709631

 2566750

 2566750

 1974622

 3158878

 1316958

 3816542

 724830

 4408670

 67166

 5066334

 1374

 5658206

 6250334

 6907998

 7500126

 8157790

# Harmonies

## Analogous

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



13411



2566750



4922700

# Triad

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



2566750



5317120



15147

# Complementary

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



2566750



6183719

# 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.



14609



2566750



4074752

# Square

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



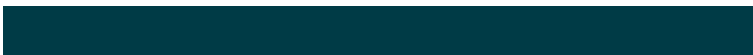
2566750



5969434



2503936



15174

# Rectangle

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



2566750



5707068



2503936



14882



# Sweetspot

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



2566750



6579834



2580058



3158077



12434877



4013373



# Same Dimension

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



2566750



2435450



4138846



2697774



1646



3565



# Inverse Universe

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



6170410



8004905



4611623



3025194



7208966



15532045



# Previews

## White Background



This preview shows how the Decimal color 2566750 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



This preview shows how the Decimal color 2566750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

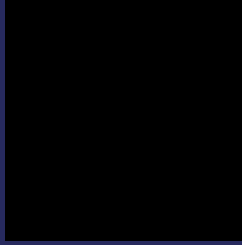
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2566750 Background



This preview shows how black text looks on a background with the Decimal color 2566750.



This preview shows how white text looks on a background with the Decimal color 2566750.

# 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](#).

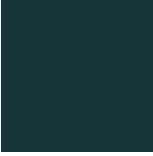
## Dichromacy



**Original Color**  
2566750

**Protanopia**  
11874

**Deuteranopia**  
12629



**Tritanopia**  
1520696

# Trichromacy



**Original Color**  
2566750

**Protanomaly**  
929121

**Deuteranomaly**  
929368

**Tritanomaly**  
1912902

# Monochromacy



**Original Color**  
2566750

**Achromatopsia**  
3092271

**Achromatomaly**  
2895168

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2566750 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 #272A5E looks like.

```
.text, #text, p{  
    color:#272A5E  
}
```

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 #272A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272A5E
}
```

## Border

The CSS property to change the border of an element to Decimal 2566750 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
#272A5E }
```

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

```
.border{ border-color:#272A5E }
```

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

Here you see how a box with a 4 pixel #272A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272A5E; -webkit-box-shadow:4px 4px  
4px 4px #272A5E; box-shadow:4px 4px 4px  
4px #272A5E }
```

# Background

The CSS property to change the background color of an element to Decimal 2566750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272A5E }
```

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

```
.background{ background-color:#272A5E }
```

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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