

Converting Colors

Decimal(2565998)

Have a look what the booklet for
Decimal(2565998) contains.

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Color

Decimal(2565998)

Conversions

Conversions Part 1	
Format	Color
Hex	27276E
RGB	39, 39, 110
RGB Percent	15%, 15%, 43%
CMY	0.8471, 0.8471, 0.5686
CMYK	0.65, 0.65, 0.00, 0.57
HSL	240°, 48%, 29%
HSV	240°, 65%, 43%
XYZ	4.3767, 3.0082, 15.1018
YIQ	47.0940, -22.7910, 22.0810

Conversions

Conversions Part 2

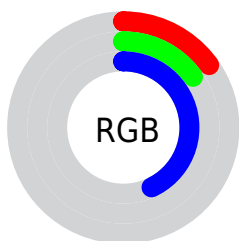
Format	Color
RYB	39, 39, 110
Decimal	2565998
CIELab	20.08, 23.71, -41.33
CIELCh	20, 47.645, 299.846
Yxy	3.0082, 0.1946, 0.1338
Android (android.graphics.Color)	4280756078 (0xFF27276E)
YUV	47.0940, 31.0127, -7.0984
Hunter-Lab	17.3441, 14.6916, -39.4841

Details

The Decimal color **2565998** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7237159**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **6116514**, and **62** is the 20% darker color. If you saturate the color by 10%, you get **1842286**, and if you desaturate by 10%, it is **3289710**.

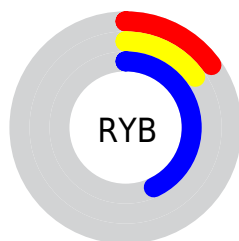
Distribution



Red (15%)

Green (15%)

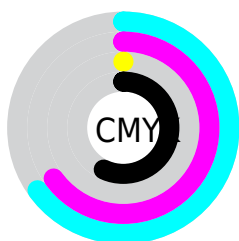
Blue (43%)



Red (15%)

Yellow (15%)

Blue (43%)

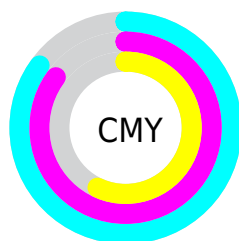


Cyan (65%)

Magenta (65%)

Yellow (0%)

Black (57%)



Cyan (85%)

Magenta (85%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2565998 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 2565998 by changing the saturation by 10% instead.

 2565998

 2565998

16777215

 267093

 6116514

 62

 7826878

 807


 9602778

 272

 11444470

 0

 13286399

 15194111

 16774143

 2565998

 2565998

 1842286

 3289710

 1118574

 4013422

 394862

 4737134

 110

 5460846

 6184558

 6908270

 7631982

 8355694

 9079406

Harmonies

Analogous

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



13943



2565998



5770580

Triad

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



2565998



5709568



15919

Complementary

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



2565998



7237159

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.



15368



2565998



4009728

Square

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



2565998



6816272



1718272



16211

Rectangle

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



2565998



6684734



1718272



15907

Sweetspot

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



2565998



7632015



2584174



3618631



13092807



4671303

Same Dimension

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



2565998



2171279



4925294



3289656



120



247

Inverse Universe

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



7219054



9380239



4943399



3682872



7864440



16187639

Previews

White Background



This preview shows how the Decimal color 2565998 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 2565998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

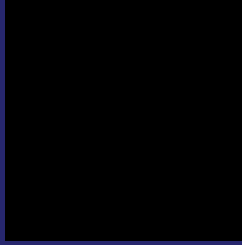
Any Text WCAG AA × Fail

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 2565998 Background



This preview shows how black text looks on a background with the Decimal color 2565998.



This preview shows how white text looks on a background with the Decimal color 2565998.

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
2565998

Protanopia
12131

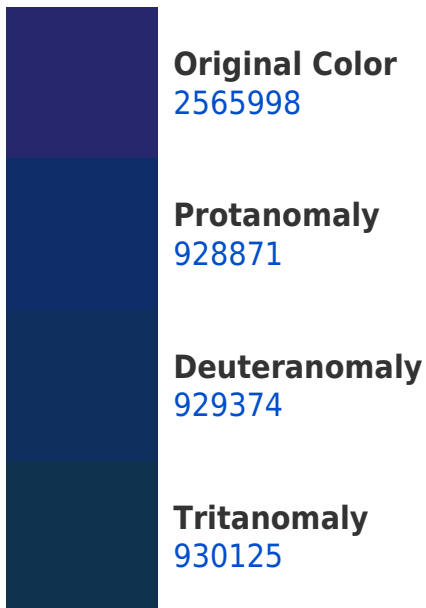
Deuteranopia
12885



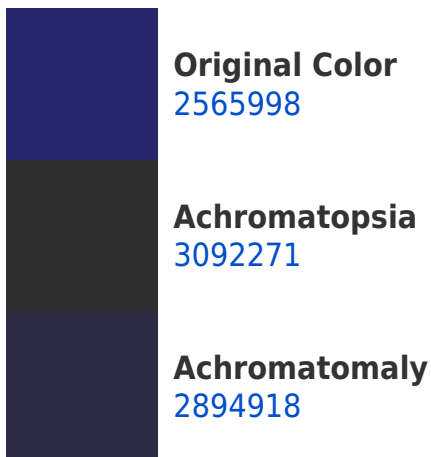
Tritanopia

13882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2565998 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 #27276E looks like.

```
.text, #text, p{  
    color:#27276E  
}
```

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 #27276E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27276E
}
```

Border

The CSS property to change the border of an element to Decimal 2565998 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
#27276E }
```

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

```
.border{ border-color:#27276E }
```

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

Here you see how a box with a 4 pixel #27276E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27276E; -webkit-box-shadow:4px 4px  
4px 4px #27276E; box-shadow:4px 4px 4px  
4px #27276E }
```

Background

The CSS property to change the background color of an element to Decimal 2565998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27276E }
```

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

```
.background{ background-color:#27276E }
```

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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