

Converting Colors

Decimal(3817366)

Have a look what the booklet for
Decimal(3817366) contains.

Decimal(3817366)	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(3817366)

Conversions

Conversions Part 1

Format	Color
Hex	3A3F96
RGB	58, 63, 150
RGB Percent	23%, 25%, 59%
CMY	0.7725, 0.7529, 0.4118
CMYK	0.61, 0.58, 0.00, 0.41
HSL	237°, 44%, 41%
HSV	237°, 61%, 59%
XYZ	9.0275, 6.6566, 29.6632
YIQ	71.4230, -30.9070, 25.9970

Conversions

Conversions Part 2

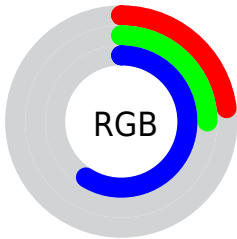
Format	Color
R_{YB}	58, 63, 150
Decimal	3817366
CIE _{Lab}	31.01, 25.49, -48.60
CIE _{LCh}	31, 54.877, 297.678
Yxy	6.6566, 0.1991, 0.1468
Android (android.graphics.Color)	4282007446 (0xFF3A3F96)
YUV	71.4230, 38.7385, -11.7720
Hunter-Lab	25.8003, 17.3060, -50.1068

Details

The Decimal color **3817366** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9867578**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7499725**, and **5474** is the 20% darker color. If you saturate the color by 10%, you get **2830742**, and if you desaturate by 10%, it is **4803990**.

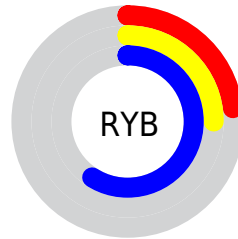
Distribution



 Red (23%)

 Green (25%)

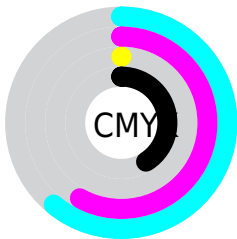
 Blue (59%)




 Red (23%)

 Yellow (25%)

 Blue (59%)

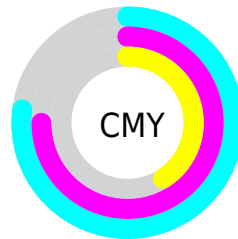


 Cyan (61%)

 Magenta (58%)

 Yellow (0%)

 Black (41%)



 Cyan (77%)

 Magenta (75%)

 Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3817366 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 3817366 by changing the saturation by 10% instead.

■ 3817366

■ 3817366

16777215

■ 1649020

■ 7499725

■ 5474

■ 9341161

■ 74

■ 11182847

■ 1074

■ 13090303

■ 540

■ 14998015

■ 0

■ 16774911

■ 3817366

■ 3817366

■ 2830742

■ 4803990

■ 1844118

■ 5790614

■ 857238

■ 6777494

■ 2198

■ 7764118

■ 8750742

■ 9737366

■ 10723990

■ 11710614

■ 12697494

Harmonies

Analogous

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



20640



3817366



7873912

Triad

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



3817366



8139520



23364

Complementary

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



3817366



9867578

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.



22550



3817366



6112768

Square

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



3817366



9443364



3363328



23408

Rectangle

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



3817366



9113949



3363328



23093

Sweetspot

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



3817366



10461634



3839632



5000545



14737632



6381921

Same Dimension

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



3817366



3291842



6437526



4408138



1930



266

Inverse Universe

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



9845311



12726842



7247418



4866883



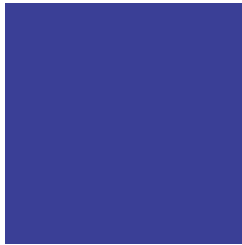
9043975



655361

Previews

White Background



This preview shows how the Decimal color 3817366 looks on a white background.

Color Contrast Check

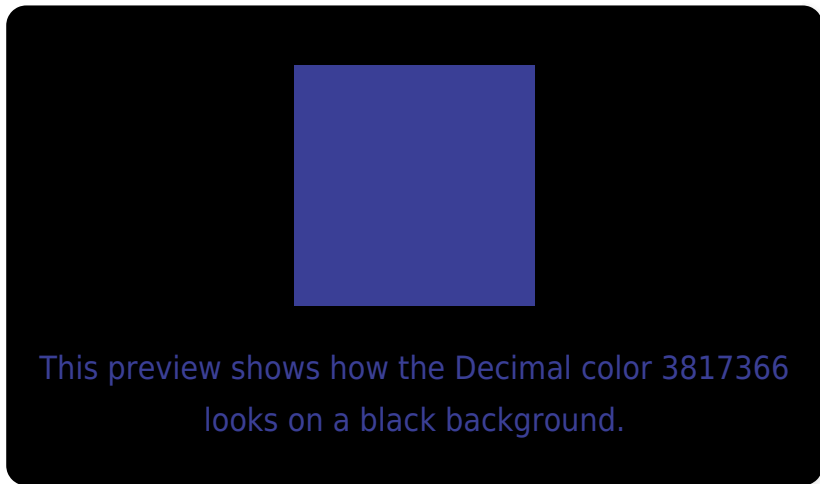
Large Text (above 18pt) WCAG AA ✓ Pass

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

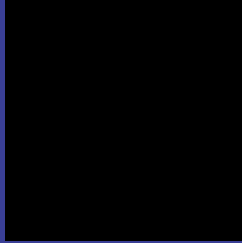
Any Text WCAG AA × Fail

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 3817366 Background



This preview shows how black text looks on a background with the Decimal color 3817366.



This preview shows how white text looks on a background with the Decimal color 3817366.

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
3817366

Protanomaly
1393557

Deuteranomaly
1394569

Tritanomaly
2509422

Monochromacy



Original Color
3817366

Achromatopsia
4671303

Achromatomaly
4342884

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3817366 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 #3A3F96 looks like.

```
.text, #text, p{  
    color:#3A3F96  
}
```

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 #3A3F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3F96
}
```

Border

The CSS property to change the border of an element to Decimal 3817366 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
#3A3F96 }
```

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

```
.border{ border-color:#3A3F96 }
```

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

Here you see how a box with a 4 pixel #3A3F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3F96; -webkit-box-shadow:4px 4px  
4px 4px #3A3F96; box-shadow:4px 4px 4px  
4px #3A3F96 }
```

Background

The CSS property to change the background color of an element to Decimal 3817366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3F96 }
```

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

```
.background{ background-color:#3A3F96 }
```

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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