

Converting Colors

Decimal(3887993)

Have a look what the booklet for
Decimal(3887993) contains.

Decimal(3887993)	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(3887993)

Conversions

Conversions Part 1

Format	Color
Hex	3B5379
RGB	59, 83, 121
RGB Percent	23%, 33%, 47%
CMY	0.7686, 0.6745, 0.5255
CMYK	0.51, 0.31, 0.00, 0.53
HSL	217°, 34%, 35%
HSV	217°, 51%, 47%
XYZ	8.3481, 8.4968, 19.2892
YIQ	80.1560, -26.5020, 6.7300

Conversions

Conversions Part 2

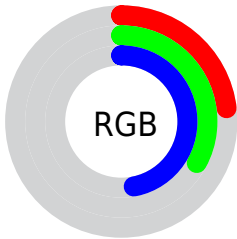
Format	Color
RYB	59, 76, 121
Decimal	3887993
CIELab	35.00, 2.44, -24.40
CIElCh	35, 24.523, 275.714
Yxy	8.4968, 0.2310, 0.2351
Android (android.graphics.Color)	4282078073 (0xFF3B5379)
YUV	80.1560, 20.1361, -18.5538
Hunter-Lab	29.1493, 0.1095, -18.8300

Details

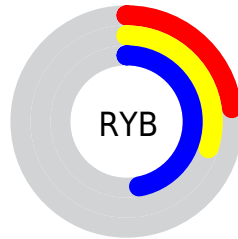
The Decimal color **3887993** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7954747**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **7242926**, and **141128** is the 20% darker color. If you saturate the color by 10%, you get **3099769**, and if you desaturate by 10%, it is **4676217**.

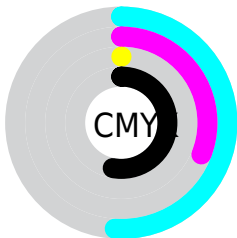
Distribution



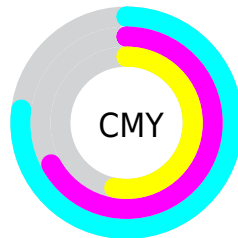
- Red (23%)
- Green (33%)
- Blue (47%)



- Red (23%)
- Yellow (30%)
- Blue (47%)



- Cyan (51%)
- Magenta (31%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3887993 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 3887993 by changing the saturation by 10% instead.

■ 3887993

■ 3887993

16777215

■ 2178144

■ 7242926

■ 141128

■ 8953545

■ 4657

■ 10729957

■ 540

■ 12572159

■ 0

■ 14414335

■ 16318463

■ 3887993

■ 3887993

■ 3099769

■ 4676217

■ 2311289

■ 5464697

■ 1523065

■ 6252921

■ 734585

■ 7041401

■ 12153

■ 7829625

■ 8683385

■ 9471865

■ 10260089

■ 11048569

Harmonies

Analogous

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



1137013



3887993



5852274

Triad

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



3887993



7750972



3038018

Complementary

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



3887993



7954747

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.



4610098



3887993



7097391

Square

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



3887993



7816015



5984811



679254

Rectangle

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



3887993



6834025



5984811



3627580

Sweetspot

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



3887993



8818846



3897696



4277839



13619151



5197647

Same Dimension

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



3887993



4088734



4275065



3619133



12413



25340

Inverse Universe

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



7945043



10370659



7567675



4011833



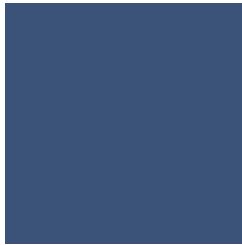
8192048



16515170

Previews

White Background



This preview shows how the Decimal color 3887993 looks on a white background.

Color Contrast Check

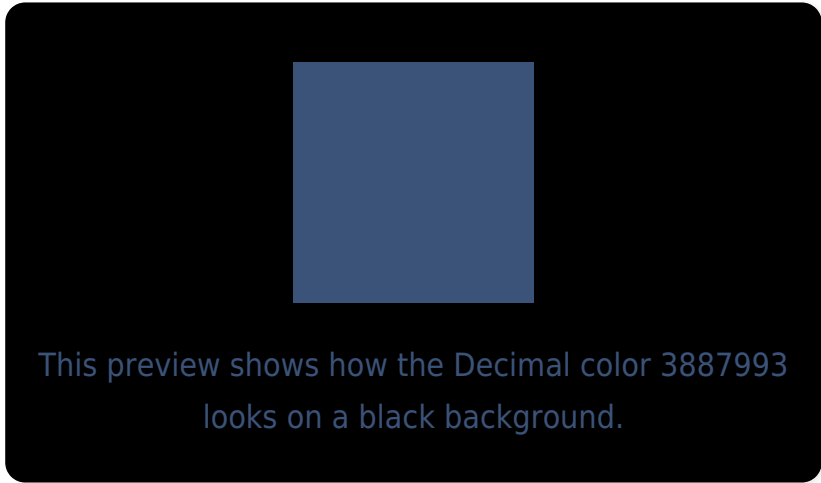
Large Text (above 18pt) WCAG AA ✓ Pass

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

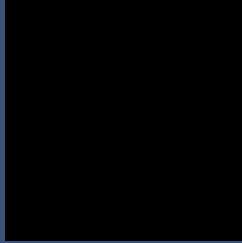
Any Text WCAG AA × Fail

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 3887993 Background



This preview shows how black text looks on a background with the Decimal color 3887993.

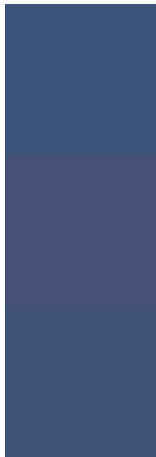


This preview shows how white text looks on a background with the Decimal color 3887993.

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
3887993

Protanopia
4608375

Deuteranopia
4280953



Tritanopia
3299423

Trichromacy



Original Color
3887993

Protanomaly
4346488

Deuteranomaly
4149881

Tritanomaly
3495528

Monochromacy



Original Color
3887993

Achromatopsia
5263440

Achromatomaly
4739423

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3887993 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 #3B5379 looks like.

```
.text, #text, p{  
    color:#3B5379  
}
```

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 #3B5379 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5379
}
```

Border

The CSS property to change the border of an element to Decimal 3887993 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
#3B5379 }
```

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

```
.border{ border-color:#3B5379 }
```

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

Here you see how a box with a 4 pixel #3B5379 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5379; -webkit-box-shadow:4px 4px  
4px 4px #3B5379; box-shadow:4px 4px 4px  
4px #3B5379 }
```

Background

The CSS property to change the background color of an element to Decimal 3887993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5379 }
```

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

```
.background{ background-color:#3B5379 }
```

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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