

Converting Colors

Decimal(4144771)

Have a look what the booklet for
Decimal(4144771) contains.

Decimal(4144771)	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(4144771)

Conversions

Conversions Part 1

Format	Color
Hex	3F3E83
RGB	63, 62, 131
RGB Percent	25%, 24%, 51%
CMY	0.7529, 0.7569, 0.4863
CMYK	0.52, 0.53, 0.00, 0.49
HSL	241°, 36%, 38%
HSV	241°, 53%, 51%
XYZ	7.8693, 6.1407, 22.2432
YIQ	70.1650, -21.5530, 21.6710

Conversions

Conversions Part 2

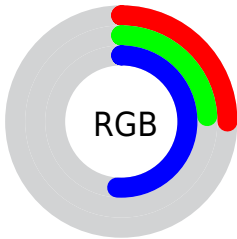
Format	Color
R_{YB}	63, 62, 131
Decimal	4144771
CIE _{Lab}	29.76, 20.66, -38.89
CIE _{LCh}	30, 44.034, 297.983
Yxy	6.1407, 0.2171, 0.1694
Android (android.graphics.Color)	4282334851 (0xFF3F3E83)
YUV	70.1650, 29.9917, -6.2837
Hunter-Lab	24.7804, 13.3185, -35.8732

Details

The Decimal color **4144771** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8553278**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7630521**, and **70737** is the 20% darker color. If you saturate the color by 10%, you get **3289475**, and if you desaturate by 10%, it is **5000067**.

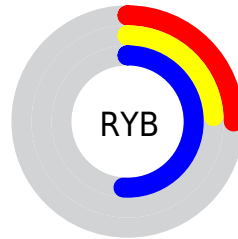
Distribution



Red (25%)

Green (24%)

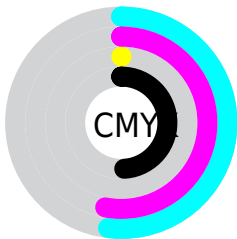
Blue (51%)



Red (25%)

Yellow (24%)

Blue (51%)

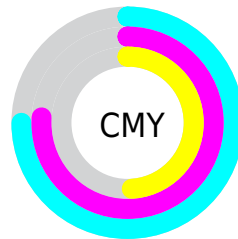


Cyan (52%)

Magenta (53%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4144771 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 4144771 by changing the saturation by 10% instead.

■ 4144771

■ 4144771

16777215

■ 2369641

■ 7630521

■ 70737

■ 9406420

■ 58

■ 11182577

■ 547

■ 13024511

■ 10

■ 14932223

■ 0

■ 16774399

■ 4144771

■ 4144771

■ 3289475

■ 5000067

■ 2434179

■ 5855363

■ 1578883

■ 6710659

■ 723587

■ 7565955

■ 131203

■ 8421507

■ 9211267

■ 10066563

■ 10921859

■ 11777155

Harmonies

Analogous

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



19339



4144771



7089515

Triad

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



4144771



7419400



21827

Complementary

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



4144771



8553278

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.



21279



4144771



5784576

Square

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



4144771



8398376



3558656



21861

Rectangle

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



4144771



8135509



3558656



21815

Sweetspot

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



4144771



9474219



4096899



4605527



14079702



5723991

Same Dimension

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



4144771



4276139



6372995



3947586



131202



3

Inverse Universe

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



8601218



11222953



6390590



4340802



8519808



196611

Previews

White Background



This preview shows how the Decimal color 4144771 looks on a white background.

Color Contrast Check

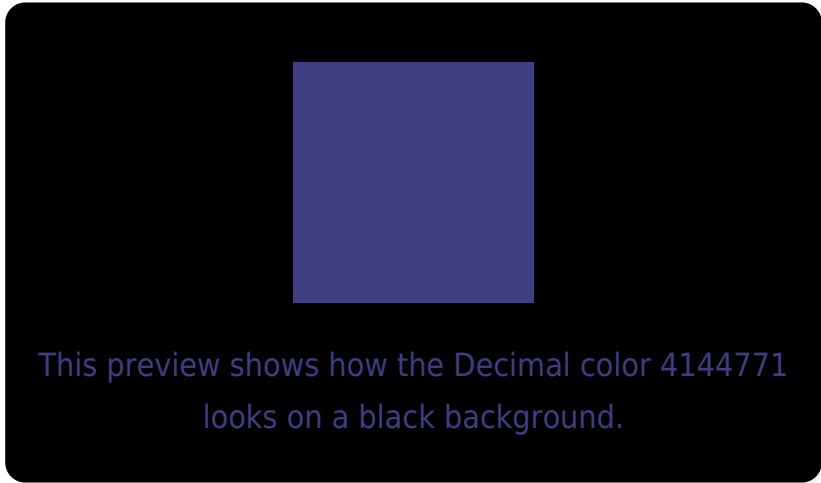
Large Text (above 18pt) WCAG AA ✓ Pass

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

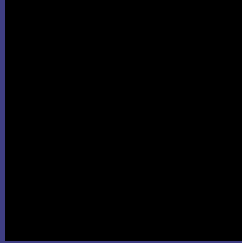
Any Text WCAG AA × Fail

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 4144771 Background



This preview shows how black text looks on a background with the Decimal color 4144771.



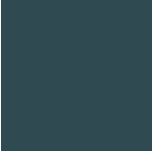
This preview shows how white text looks on a background with the Decimal color 4144771.

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





Tritanopia
3099473

Trichromacy



Original Color
4144771

Protanomaly
2704007

Deuteranomaly
1524864

Tritanomaly
3491427

Monochromacy



Original Color
4144771

Achromatopsia
4605510

Achromatomaly
4408156

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4144771 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 #3F3E83 looks like.

```
.text, #text, p{  
  color:#3F3E83  
}
```

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 #3F3E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3E83
}
```

Border

The CSS property to change the border of an element to Decimal 4144771 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".

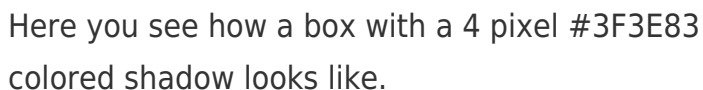
```
.border, #border, table{ border:4px solid
#3F3E83 }
```

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

```
.border{ border-color:#3F3E83 }
```

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

Here you see how a box with a 4 pixel #3F3E83 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3E83; -webkit-box-shadow:4px 4px  
4px 4px #3F3E83; box-shadow:4px 4px 4px  
4px #3F3E83 }
```

Background

The CSS property to change the background color of an element to Decimal 4144771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3E83 }
```

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

```
.background{ background-color:#3F3E83 }
```

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