

Converting Colors

Decimal(4142986)

Have a look what the booklet for
Decimal(4142986) contains.

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Color

Decimal(4142986)

Conversions

Conversions Part 1

Format	Color
Hex	3F378A
RGB	63, 55, 138
RGB Percent	25%, 22%, 54%
CMY	0.7529, 0.7843, 0.4588
CMYK	0.54, 0.60, 0.00, 0.46
HSL	246°, 43%, 38%
HSV	246°, 60%, 54%
XYZ	8.0035, 5.6241, 24.7085
YIQ	66.8540, -21.8750, 27.5090

Conversions

Conversions Part 2

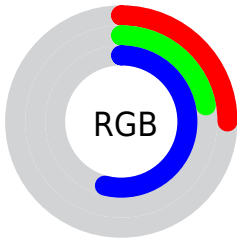
Format	Color
R_{YB}	63, 55, 138
Decimal	4142986
CIE _{Lab}	28.44, 27.59, -45.36
CIE _{LCh}	28, 53.093, 301.306
Y _{xy}	5.6241, 0.2088, 0.1467
Android (android.graphics.Color)	4282333066 (0xFF3F378A)
YUV	66.8540, 35.0750, -3.3800
Hunter-Lab	23.7152, 18.7395, -45.1726

Details

The Decimal color **4142986** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8555063**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **7694016**, and **3415** is the 20% darker color. If you saturate the color by 10%, you get **3352970**, and if you desaturate by 10%, it is **4933002**.

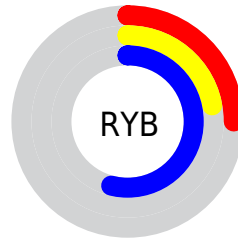
Distribution



 Red (25%)

 Green (22%)

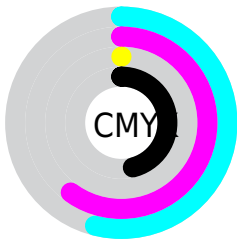
 Blue (54%)





 Red (25%)

 Yellow (22%)

 Blue (54%)

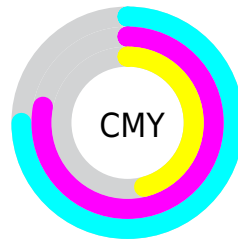



 Cyan (54%)

 Magenta (60%)

 Yellow (0%)

 Black (46%)



 Cyan (75%)

 Magenta (78%)

 Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4142986 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 4142986 by changing the saturation by 10% instead.

■ 4142986

■ 4142986

16777215

■ 2236784

■ 7694016

■ 3415

■ 9469916

■ 63

■ 11311609

■ 808

■ 13219071

■ 274

■ 15126783

■ 0

■ 16772351

■ 4142986

■ 4142986

■ 3352970

■ 4933002

■ 2497418

■ 5788554

■ 1707658

■ 6578314

■ 852106

■ 7433866

■ 8223882

■ 9079434

■ 9869450

■ 10724746

■ 11514762

Harmonies

Analogous

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



18582



4142986



7609707

Triad

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



4142986



7418112



21572

Complementary

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



4142986



8555063

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.



21016



4142986



5390848

Square

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



4142986



8721947



2640896



21613

Rectangle

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



4142986



8652369



2640896



21301

Sweetspot

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



4142986



9802419



3638154



4736601



14277081



5855577

Same Dimension

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



4142986



4076211



6764426



4144709



852101



5

Inverse Universe

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



9058178



11743910



5933623



4537924



8716408



327685

Previews

White Background



This preview shows how the Decimal color 4142986 looks on a white background.

Color Contrast Check

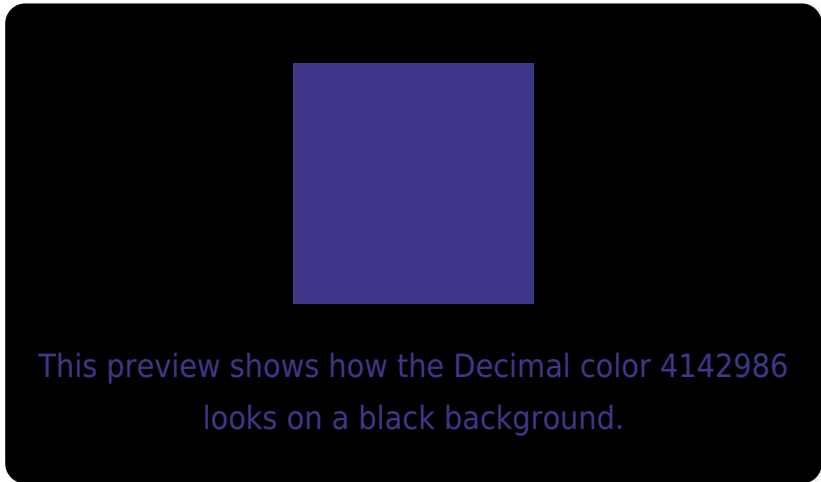
Large Text (above 18pt) WCAG AA ✓ Pass

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 4142986 Background



This preview shows how black text looks on a background with the Decimal color 4142986.



This preview shows how white text looks on a background with the Decimal color 4142986.

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



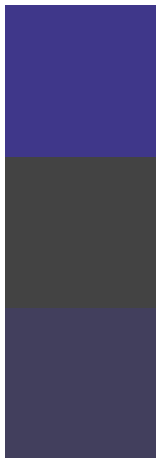
Original Color
4142986

Protanomaly
1523081

Deuteranomaly
1523838

Tritanomaly
3293796

Monochromacy



Original Color
4142986

Achromatopsia
4408131

Achromatomaly
4341597

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4142986 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 #3F378A looks like.

```
.text, #text, p{  
    color:#3F378A  
}
```

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 #3F378A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F378A
}
```

Border

The CSS property to change the border of an element to Decimal 4142986 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
#3F378A }
```

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

```
.border{ border-color:#3F378A }
```

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

Here you see how a box with a 4 pixel #3F378A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F378A; -webkit-box-shadow:4px 4px  
4px 4px #3F378A; box-shadow:4px 4px 4px  
4px #3F378A }
```

Background

The CSS property to change the background color of an element to Decimal 4142986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F378A }
```

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

```
.background{ background-color:#3F378A }
```

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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