

Converting Colors

Decimal(4147580)

Have a look what the booklet for
Decimal(4147580) contains.

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Color

Decimal(4147580)

Conversions

Conversions Part 1

Format	Color
Hex	3F497C
RGB	63, 73, 124
RGB Percent	25%, 29%, 49%
CMY	0.7529, 0.7137, 0.5137
CMYK	0.49, 0.41, 0.00, 0.51
HSL	230°, 33%, 37%
HSV	230°, 49%, 49%
XYZ	8.0705, 7.2771, 20.0480
YIQ	75.8240, -22.3310, 13.7410

Conversions

Conversions Part 2

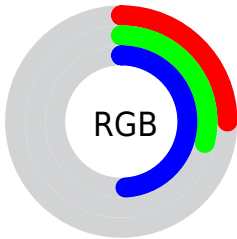
Format	Color
R _{YB}	63, 72, 124
Decimal	4147580
CIE Lab	32.43, 11.02, -30.28
CIE LCh	32, 32.223, 289.992
Yxy	7.2771, 0.2280, 0.2056
Android (android.graphics.Color)	4282337660 (0xFF3F497C)
YUV	75.8240, 23.7508, -11.2466
Hunter-Lab	26.9761, 6.1944, -25.1798

Details

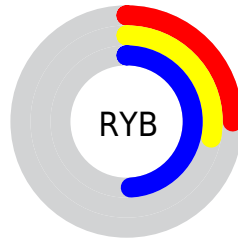
The Decimal color **4147580** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8155711**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7502257**, and **466507** is the 20% darker color. If you saturate the color by 10%, you get **3358588**, and if you desaturate by 10%, it is **4936572**.

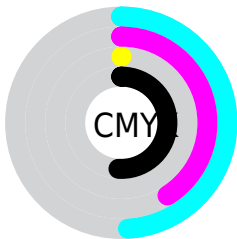
Distribution



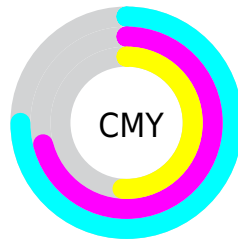
- Red (25%)
- Green (29%)
- Blue (49%)



- Red (25%)
- Yellow (28%)
- Blue (49%)



- Cyan (49%)
- Magenta (41%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4147580 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 4147580 by changing the saturation by 10% instead.

■ 4147580

■ 4147580

16777215

■ 2437987

■ 7502257

■ 466507

■ 9278412

■ 1076

■ 11054825

■ 542

■ 12896767

■ 0

■ 14738943

16646143

■ 4147580

■ 4147580

■ 3358588

■ 4936572

■ 2503804

■ 5791356

■ 1714812

■ 6580348

■ 860284

■ 7434876

■ 71036

■ 8224124

■ 5244

■ 9013116

■ 9867900

■ 10656892

■ 11511420

Harmonies

Analogous

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



21118



4147580



6504301

Triad

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



4147580



7552550



22595

Complementary

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



4147580



8155711

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.



2905642



4147580



6440984

Square

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



4147580



8075068



4870170



22877

Rectangle

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



4147580



7485790



4870170



546874

Sweetspot

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



4147580



9014689



4160626



4408658



13750737



5395026

Same Dimension

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



4147580



4346273



5455740



3618877



5245



10748

Inverse Universe

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



8142665



10568273



6847551



4011832



8192020



16515113

Previews

White Background



This preview shows how the Decimal color 4147580 looks on a white background.

Color Contrast Check

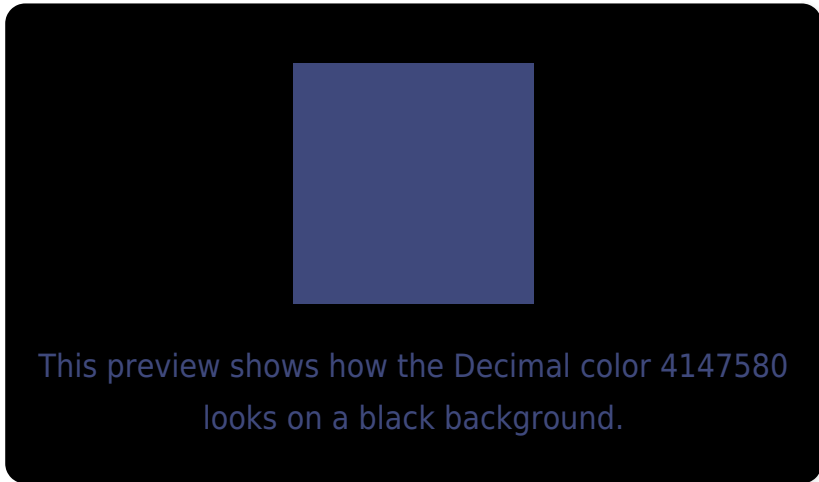
Large Text (above 18pt) WCAG AA ✓ Pass

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 4147580 Background



This preview shows how black text looks on a background with the Decimal color 4147580.



This preview shows how white text looks on a background with the Decimal color 4147580.

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
4147580

Protanopia
3689341

Deuteranopia
3165307

Trichromacy



Original Color
4147580

Protanomaly
3885693

Deuteranomaly
3492731

Tritanomaly
3690084

Monochromacy



Original Color
4147580

Achromatopsia
5000268

Achromatomaly
4672349

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4147580 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 #3F497C looks like.

```
.text, #text, p{  
    color:#3F497C  
}
```

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 #3F497C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F497C
}
```

Border

The CSS property to change the border of an element to Decimal 4147580 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
#3F497C }
```

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

```
.border{ border-color:#3F497C }
```

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

Here you see how a box with a 4 pixel #3F497C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F497C; -webkit-box-shadow:4px 4px  
4px 4px #3F497C; box-shadow:4px 4px 4px  
4px #3F497C }
```

Background

The CSS property to change the background color of an element to Decimal 4147580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F497C }
```

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

```
.background{ background-color:#3F497C }
```

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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