

Converting Colors

Decimal(4357251)

Have a look what the booklet for
Decimal(4357251) contains.

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Color

Decimal(4357251)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 427C83 |
| RGB | 66, 124, 131 |
| RGB Percent | 26%, 49%, 51% |
| CMY | 0.7412, 0.5137, 0.4863 |
| CMYK | 0.50, 0.05, 0.00, 0.49 |
| HSL | 186°, 33%, 39% |
| HSV | 186°, 50%, 51% |
| XYZ | 13.5512, 17.2122, 24.0808 |
| YIQ | 107.4560, -36.8150, -10.1190 |

Conversions

Conversions Part 2

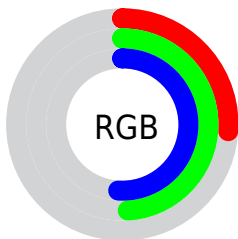
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 66, 97, 131 |
| Decimal | 4357251 |
| CIELab | 48.53, -16.93, -9.70 |
| CIELCh | 49, 19.506, 209.808 |
| Yxy | 17.2122, 0.2471, 0.3138 |
| Android (android.graphics.Color) | 4282547331 (0xFF427C83) |
| YUV | 107.4560, 11.6072, -36.3569 |
| Hunter-Lab | 41.4876, -14.2997, -5.3725 |

Details

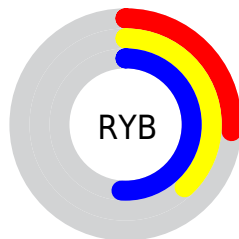
The Decimal color **4357251** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8603970**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **7844280**, and **281426** is the 20% darker color. If you saturate the color by 10%, you get **3505027**, and if you desaturate by 10%, it is **5209475**.

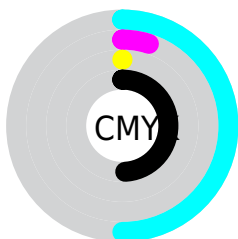
Distribution



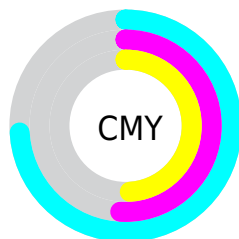
- Red (26%)
- Green (49%)
- Blue (51%)



- Red (26%)
- Yellow (38%)
- Blue (51%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (74%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4357251 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 4357251 by changing the saturation by 10% instead.

■ 4357251

■ 4357251

16777215

■ 2581354

■ 7844280

■ 281426

■ 9620692

■ 13371

■ 11397360

■ 7973

■ 13238271

■ 272

■ 15138815

■ 0

■ 4357251

■ 4357251

■ 3505027

■ 5209475

■ 2652547

■ 6061955

1800323

6914179

947843

7766659

95619

8684419

30083

9536643

10389123

11241347

12093827

Harmonies

Analogous

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



4881523



4357251



4880783

Triad

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



4357251



8940164



8352338

Complementary

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



4357251



8603970

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.



9268567



4357251



9660276

Square

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



4357251



7761808



9726052



7239510

Rectangle

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



4357251



5731987



9726052



8679507

Sweetspot

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



4357251



9545899



4358984



4674903



14079702



5723991

Same Dimension

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



4357251



4497579



4349059



3949122



29826



515

Inverse Universe

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



8602236



11224224



8612162



4340802



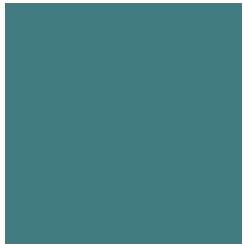
8519796



196610

Previews

White Background



This preview shows how the Decimal color 4357251 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 × Fail

Black Background



This preview shows how the Decimal color 4357251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

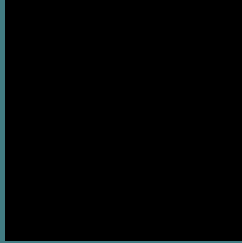
Any Text WCAG AA × Fail

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 4357251 Background



This preview shows how black text looks on a background with the Decimal color 4357251.

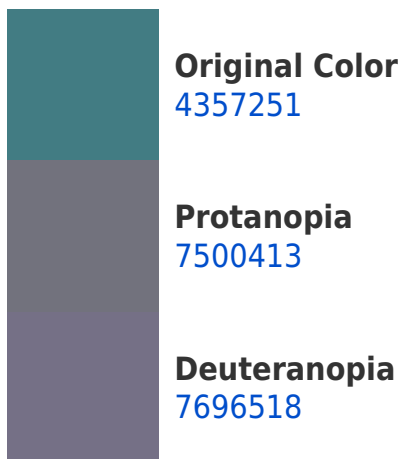


This preview shows how white text looks on a background with the Decimal color 4357251.

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](#).

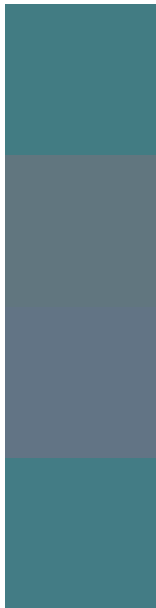
Dichromacy





Tritanopia
4422790

Trichromacy



Original Color
4357251

Protanomaly
6387327

Deuteranomaly
6452357

Tritanomaly
4422789

Monochromacy



Original Color
4357251

Achromatopsia
7039851

Achromatomaly
6058356

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4357251 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 #427C83 looks like.

```
.text, #text, p{  
    color:#427C83  
}
```

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 #427C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427C83
}
```

Border

The CSS property to change the border of an element to Decimal 4357251 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
#427C83 }
```

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

```
.border{ border-color:#427C83 }
```

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

Here you see how a box with a 4 pixel #427C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427C83; -webkit-box-shadow:4px 4px  
4px 4px #427C83; box-shadow:4px 4px 4px  
4px #427C83 }
```

Background

The CSS property to change the background color of an element to Decimal 4357251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427C83 }
```

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

```
.background{ background-color:#427C83 }
```

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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