

Converting Colors

Decimal(427448)

Have a look what the booklet for
Decimal(427448) contains.

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Color

Decimal(427448)

Conversions

Conversions Part 1

Format	Color
Hex	0685B8
RGB	6, 133, 184
RGB Percent	2%, 52%, 72%
CMY	0.9765, 0.4784, 0.2784
CMYK	0.97, 0.28, 0.00, 0.28
HSL	197°, 94%, 37%
HSV	197°, 97%, 72%
XYZ	17.1144, 20.2745, 48.3587
YIQ	100.8410, -92.0630, -11.0630

Conversions

Conversions Part 2

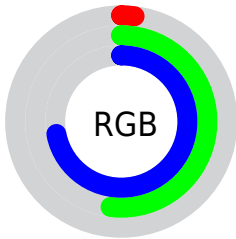
Format	Color
R _Y B	6, 80, 184
Decimal	427448
CIE Lab	52.15, -11.39, -35.10
CIE LCh	52, 36.902, 252.022
Yxy	20.2745, 0.1996, 0.2364
Android (android.graphics.Color)	4278617528 (0xFF0685B8)
YUV	100.8410, 40.9974, -83.1756
Hunter-Lab	45.0272, -10.9516, -32.1578

Details

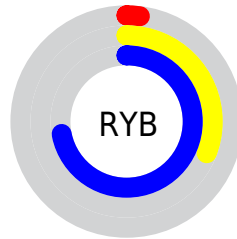
The Decimal color **427448** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **12073222**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **6273776**, and **21635** is the 20% darker color. If you saturate the color by 10%, you get **33720**, and if you desaturate by 10%, it is **1608376**.

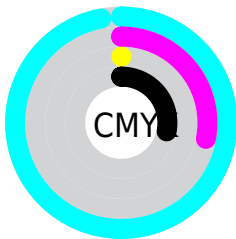
Distribution



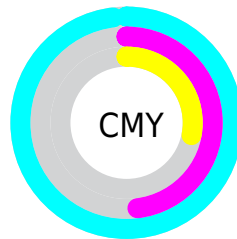
- Red (2%)
- Green (52%)
- Blue (72%)



- Red (2%)
- Yellow (31%)
- Blue (72%)



- Cyan (97%)
- Magenta (28%)
- Yellow (0%)
- Black (28%)



- Cyan (98%)
- Magenta (48%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 427448 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 427448 by changing the saturation by 10% instead.

■ 427448 ■ 427448

16777215 ■ 27805

■ 6273776 ■ 21635

■ 8312575 ■ 15721

■ 10285823 ■ 10065

■ 12255231 ■ 4665

■ 14221311 ■ 547

■ 16252927 ■ 11

■ 0

■ 427448 ■ 427448

■ 33720

■ 1608376

■ 2855096

■ 4036024

■ 5282488

■ 6463416

■ 7644600

■ 8891064

■ 10071992

■ 11318456

Harmonies

Analogous

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



35750



427448



6323130

Triad

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



427448



12149361



6391628

Complementary

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



427448



12073222

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.



8617789



427448



11757908

Square

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



427448



11363729



10515520



3378024

Rectangle

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



427448



8549298



10515520



7177285

Sweetspot

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



427448



11197680



440376



5139576



16250871



7895160

Same Dimension

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



427448



44016



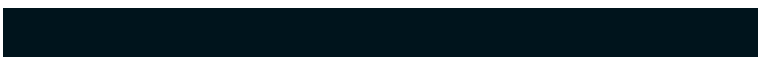
404920



5462364



28572



5148

Inverse Universe

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



12060293



15728811



12095750



6050649



10223727



1835028

Previews

White Background



This preview shows how the Decimal color 427448 looks on a white background.

Color Contrast Check

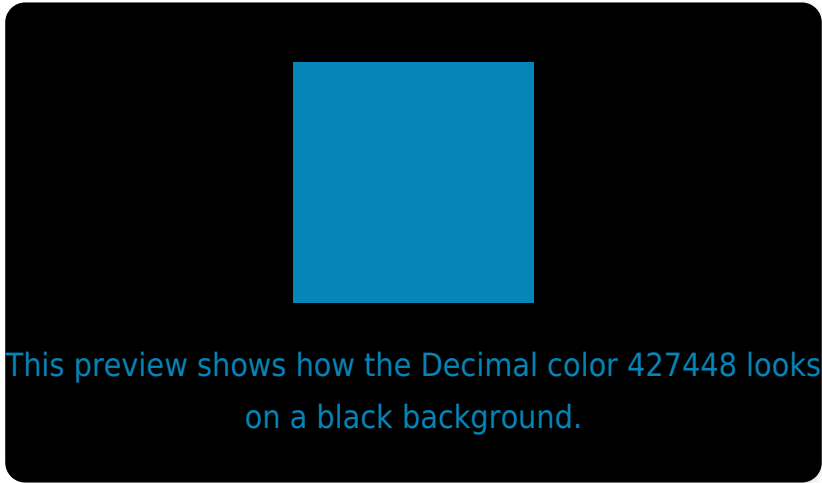
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

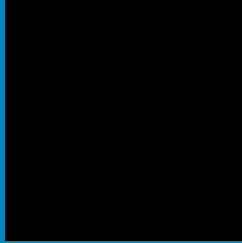
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 427448 Background



This preview shows how black text looks on a background with the Decimal color 427448.



This preview shows how white text looks on a background with the Decimal color 427448.

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](#).

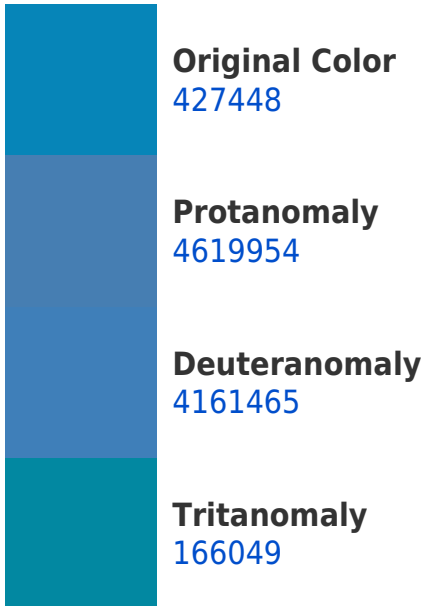
Dichromacy





Tritanopia
35476

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 427448 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 #0685B8 looks like.

```
.text, #text, p{  
    color:#0685B8  
}
```

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 #0685B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0685B8
}
```

Border

The CSS property to change the border of an element to Decimal 427448 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
#0685B8 }
```

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

```
.border{ border-color:#0685B8 }
```

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

Here you see how a box with a 4 pixel #0685B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0685B8; -webkit-box-shadow:4px 4px  
4px 4px #0685B8; box-shadow:4px 4px 4px  
4px #0685B8 }
```

Background

The CSS property to change the background color of an element to Decimal 427448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0685B8 }
```

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

```
.background{ background-color:#0685B8 }
```

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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