

Converting Colors

Decimal(3830430)

Have a look what the booklet for
Decimal(3830430) contains.

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Color

Decimal(3830430)

Conversions

Conversions Part 1

Format	Color
Hex	3A729E
RGB	58, 114, 158
RGB Percent	23%, 45%, 62%
CMY	0.7725, 0.5529, 0.3804
CMYK	0.63, 0.28, 0.00, 0.38
HSL	206°, 46%, 42%
HSV	206°, 63%, 62%
XYZ	13.9338, 15.4028, 34.5864
YIQ	102.2720, -47.5000, 1.8120

Conversions

Conversions Part 2

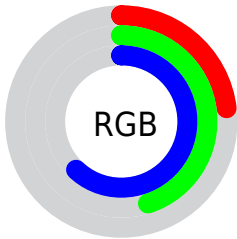
Format	Color
RYB	58, 94, 158
Decimal	3830430
CIELab	46.18, -4.38, -29.25
CIELCh	46, 29.579, 261.484
Yxy	15.4028, 0.2180, 0.2410
Android (android.graphics.Color)	4282020510 (0xFF3A729E)
YUV	102.2720, 27.4739, -38.8265
Hunter-Lab	39.2464, -5.3077, -24.7776

Details

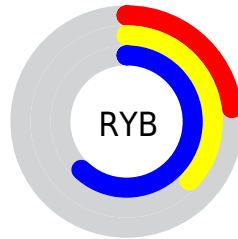
The Decimal color **3830430** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10380858**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **7513813**, and **17002** is the 20% darker color. If you saturate the color by 10%, you get **2780062**, and if you desaturate by 10%, it is **4880798**.

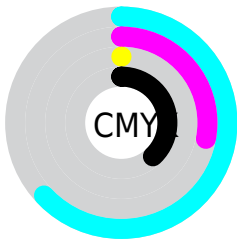
Distribution



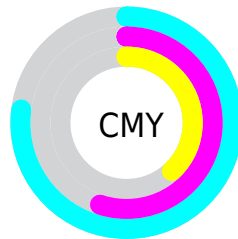
- Red (23%)
- Green (45%)
- Blue (62%)



- Red (23%)
- Yellow (37%)
- Blue (62%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (77%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3830430 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 3830430 by changing the saturation by 10% instead.

■ 3830430

■ 3830430

16777215

■ 1596036

■ 7513813

■ 17002

■ 9355761

■ 11346

■ 11197951

■ 6203

■ 13105663

■ 549

■ 15007743

■ 269

■ 0

■ 3830430

■ 3830430

■ 2780062

■ 4880798

■ 1729694

■ 5931166

■ 744862

■ 6915998

■ 22686

■ 7966366

■ 9016734

■ 10067102

■ 11117470

■ 12102302

■ 13152670

Harmonies

Analogous

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



30867



3830430



6711963

Triad

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



3830430



10312541



5207886

Complementary

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



3830430



10380858

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.



7041342



3830430



9789768

Square

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



3830430



10050166



8677692



2914917

Rectangle

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



3830430



8151955



8677692



5862727

Sweetspot

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



3830430



10993103



3841637



5332585



15263976



6908265

Same Dimension

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



3830430



3312079



3817886



4672591



20623



2319

Inverse Universe

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



10369650



13578889



10393402



5195596



9371728



983049

Previews

White Background



This preview shows how the Decimal color 3830430 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 3830430 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 3830430 Background



This preview shows how black text looks on a background with the Decimal color 3830430.



This preview shows how white text looks on a background with the Decimal color 3830430.

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](#).

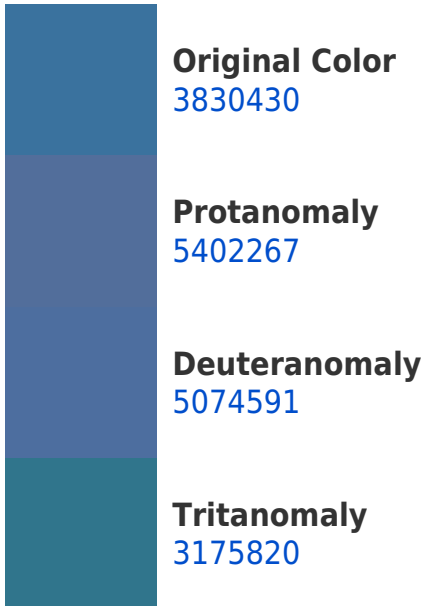
Dichromacy





Tritanopia
2848641

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3830430 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 #3A729E looks like.

```
.text, #text, p{  
    color:#3A729E  
}
```

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 #3A729E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A729E
}
```

Border

The CSS property to change the border of an element to Decimal 3830430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

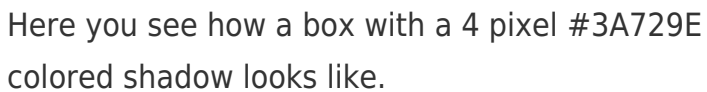
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A729E }
```

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

```
.border{ border-color:#3A729E }
```

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



Here you see how a box with a 4 pixel #3A729E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A729E; -webkit-box-shadow:4px 4px  
4px 4px #3A729E; box-shadow:4px 4px 4px  
4px #3A729E }
```

Background

The CSS property to change the background color of an element to Decimal 3830430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A729E }
```

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

```
.background{ background-color:#3A729E }
```

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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