

Converting Colors

Decimal(2185330)

Have a look what the booklet for
Decimal(2185330) contains.

Decimal(2185330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2185330)

Conversions

Conversions Part 1

Format	Color
Hex	215872
RGB	33, 88, 114
RGB Percent	13%, 35%, 45%
CMY	0.8706, 0.6549, 0.5529
CMYK	0.71, 0.23, 0.00, 0.55
HSL	199°, 55%, 29%
HSV	199°, 71%, 45%
XYZ	7.1542, 8.5177, 17.1866
YIQ	74.5190, -41.1260, -3.5740

Conversions

Conversions Part 2

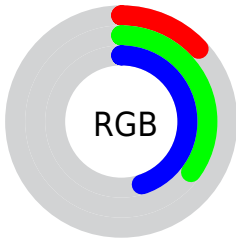
Format	Color
R_{YB}	33, 66, 114
Decimal	2185330
CIE _{Lab}	35.04, -8.88, -20.09
CIE _{LCh}	35, 21.966, 246.146
Yxy	8.5177, 0.2177, 0.2592
Android (android.graphics.Color)	4280375410 (0xFF215872)
YUV	74.5190, 19.4641, -36.4122
Hunter-Lab	29.1851, -7.3179, -14.4853

Details

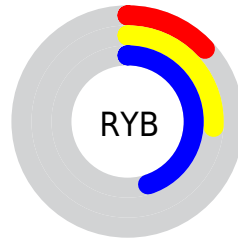
The Decimal color **2185330** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7486241**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **5802662**, and **11074** is the 20% darker color. If you saturate the color by 10%, you get **1463410**, and if you desaturate by 10%, it is **2907250**.

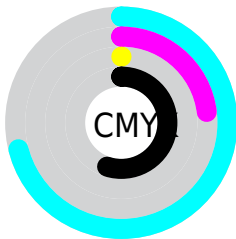
Distribution



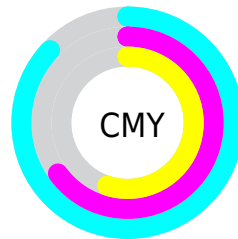
- Red (13%)
- Green (35%)
- Blue (45%)



- Red (13%)
- Yellow (26%)
- Blue (45%)



- Cyan (71%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2185330 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 2185330 by changing the saturation by 10% instead.

■ 2185330

■ 2185330

16777215

■ 16729

■ 5802662

■ 11074

■ 7578817

■ 5932

■ 9355229

■ 279

■ 11197434

■ 0

■ 13039871

■ 14942207

■ 2185330

■ 2185330

■ 1463410

■ 2907250

■ 676210

■ 3694450

■ 19826

■ 4416370

■ 5203826

■ 5925490

■ 6647410

■ 7434866

■ 8156530

■ 8943986

Harmonies

Analogous

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



678758



2185330



4150133

Triad

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



2185330



7619919



4740918

Complementary

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



2185330



7486241

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.



5985071



2185330



7554879

Square

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



2185330



7030625



6966323



3300164

Rectangle

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



2185330



5328754



6966323



5133874

Sweetspot

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



2185330



7703188



2191931



3621962



13224393



4868682

Same Dimension

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



2185330



1469588



2175090



3290680



20856



43255

Inverse Universe

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



7479640



9705068



7496481



3682870



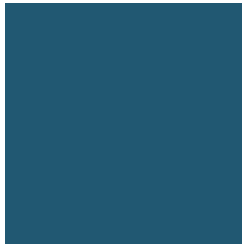
7864401



16187560

Previews

White Background



This preview shows how the Decimal color 2185330 looks on a white background.

Color Contrast Check

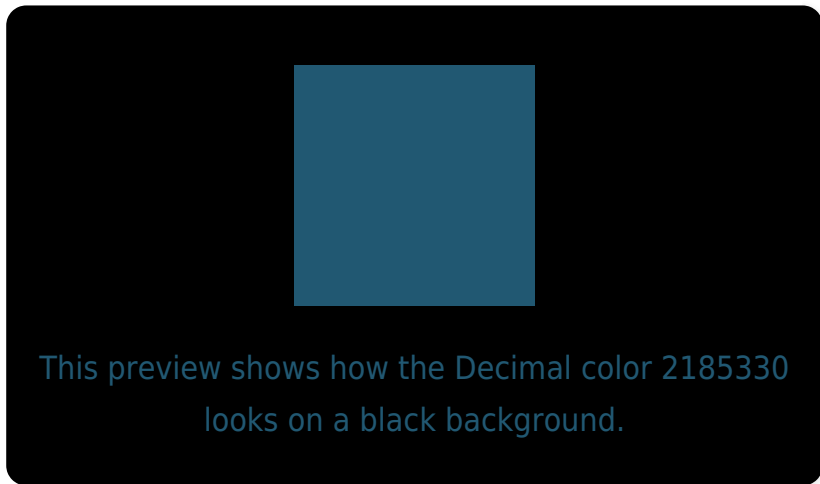
Large Text (above 18pt) WCAG AA ✓ Pass

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

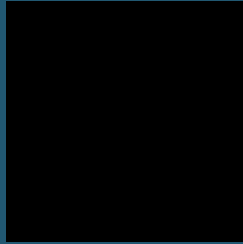
Any Text WCAG AA × Fail

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 2185330 Background



This preview shows how black text looks on a background with the Decimal color 2185330.

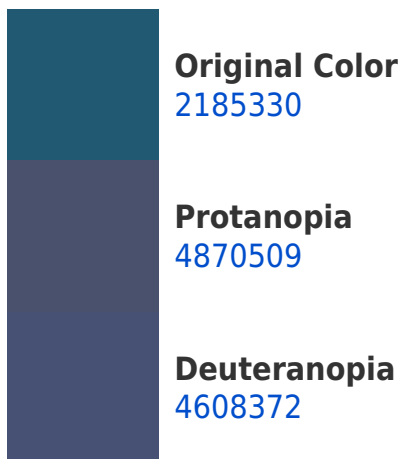



This preview shows how white text looks on a background with the Decimal color 2185330.

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](#).

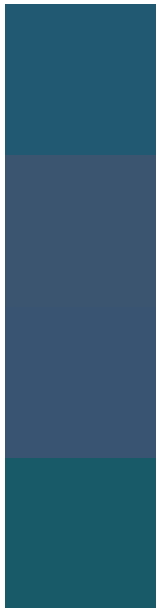
Dichromacy





Tritanopia
1399650

Trichromacy



Original Color
2185330

Protanomaly
3888239

Deuteranomaly
3757171

Tritanomaly
1661544

Monochromacy



Original Color
2185330

Achromatopsia
4934475

Achromatomaly
3952729

CSS Examples

Text

The CSS property to change the color of the text to Decimal 215872 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 #215872 looks like.

```
.text, #text, p{  
    color:#215872  
}
```

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 #215872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215872
}
```

Border

The CSS property to change the border of an element to Decimal 2185330 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
#215872 }
```

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

```
.border{ border-color:#215872 }
```

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

Here you see how a box with a 4 pixel #215872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215872; -webkit-box-shadow:4px 4px  
4px 4px #215872; box-shadow:4px 4px 4px  
4px #215872 }
```

Background

The CSS property to change the background color of an element to Decimal 215872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215872 }
```

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

```
.background{ background-color:#215872 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor