

# Converting Colors

Decimal(2255240)

Have a look what the booklet for  
Decimal(2255240) contains.

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# Color

**Decimal(2255240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	226988
RGB	34, 105, 136
RGB Percent	13%, 41%, 53%
CMY	0.8667, 0.5882, 0.4667
CMYK	0.75, 0.23, 0.00, 0.47
HSL	198°, 60%, 33%
HSV	198°, 75%, 53%
XYZ	10.1552, 12.2208, 25.1162
YIQ	87.3050, -52.2670, -5.4110

# Conversions

## Conversions Part 2

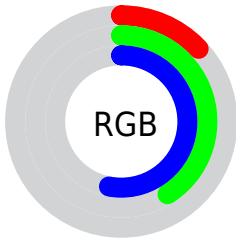
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 76, 136
Decimal	2255240
CIELab	41.56, -10.87, -23.41
CIELCh	42, 25.807, 245.097
Yxy	12.2208, 0.2138, 0.2573
Android (android.graphics.Color)	4280445320 (0xFF226988)
YUV	87.3050, 24.0066, -46.7485
Hunter-Lab	34.9583, -9.3236, -18.1268

# Details

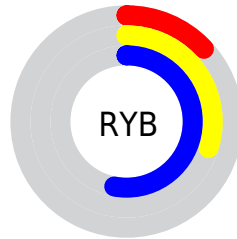
The Decimal color **2255240** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8929570**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **6200509**, and **14934** is the 20% darker color. If you saturate the color by 10%, you get **1336712**, and if you desaturate by 10%, it is **3173768**.

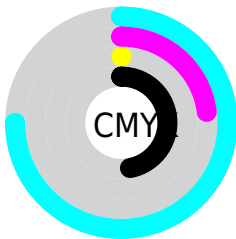
# Distribution



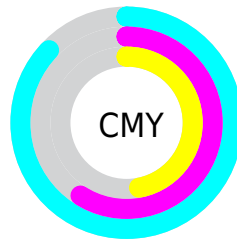
- Red (13%)
- Green (41%)
- Blue (53%)



- Red (13%)
- Yellow (30%)
- Blue (53%)



- Cyan (75%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (87%)
- Magenta (59%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2255240 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 2255240 by changing the saturation by 10% instead.



■ 2255240

■ 2255240

16777215

■ 20847

■ 6200509

■ 14934

■ 7976921

■ 9279

■ 9819126

■ 3369

■ 11726847

■ 275

■ 13565951

■ 0

■ 15532031

■ 2255240

■ 2255240

■ 1336712

■ 3173768

■ 483720

■ 4026760

■ 24456

■ 4945288

■ 5798536

■ 6717064

■ 7635592

■ 8488584

■ 9407112

■ 10260104

# Harmonies

## Analogous

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



28026



2255240



4809612

# Triad

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



2255240



9130335



5662783

# Complementary

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



2255240



8929570

# 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.



7103031



2255240



9065547

# Square

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



2255240



8410228



8346428



3959887

# Rectangle

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



2255240



6250120



8346428



6186555



# Sweetspot

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



2255240



8889520



2263105



4215385



14277081



5855577



# Same Dimension

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



2255240



1212592



2242184



4080453



23685



1029



# Inverse Universe

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



8921705



11539072



8942626



4537923



8716380



327684



# Previews

## White Background



This preview shows how the Decimal color 2255240 looks on a white background.

## Color Contrast Check

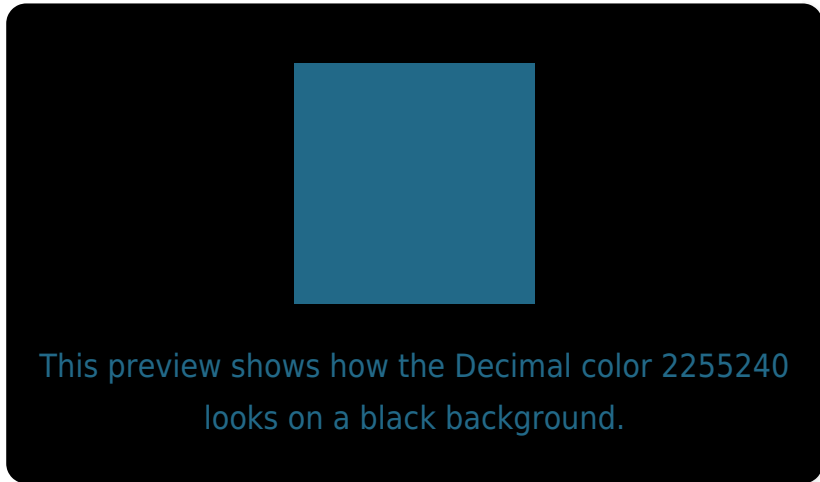
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 2255240 Background



This preview shows how black text looks on a background with the Decimal color 2255240.

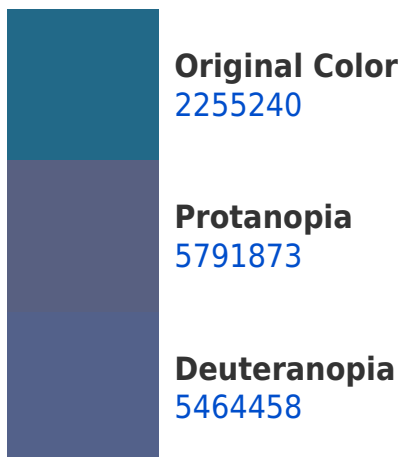



This preview shows how white text looks on a background with the Decimal color 2255240.

# 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](#).

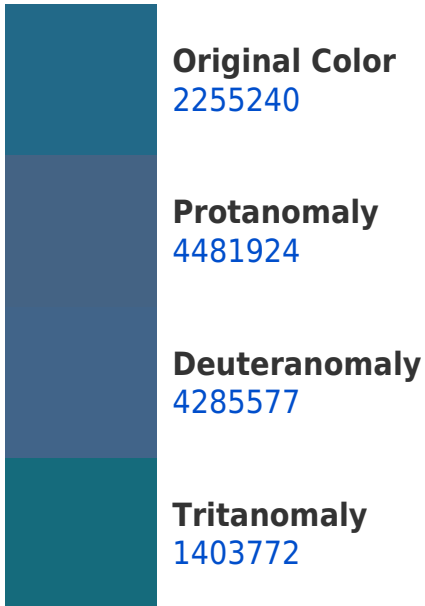
## Dichromacy





**Tritanopia**  
945269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2255240 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 #226988 looks like.

```
.text, #text, p{  
  color:#226988  
}
```

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 #226988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226988
}
```

## Border

The CSS property to change the border of an element to Decimal 2255240 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
#226988 }
```

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

```
.border{ border-color:#226988 }
```

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

Here you see how a box with a 4 pixel #226988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226988; -webkit-box-shadow:4px 4px  
4px 4px #226988; box-shadow:4px 4px 4px  
4px #226988 }
```

# Background

The CSS property to change the background color of an element to Decimal 2255240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226988 }
```

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

```
.background{ background-color:#226988 }
```

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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