

# Converting Colors

Decimal(2526615)

Have a look what the booklet for  
Decimal(2526615) contains.

<b>Decimal(2526615)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2526615)**

# Conversions

## Conversions Part 1

Format	Color
Hex	268D97
RGB	38, 141, 151
RGB Percent	15%, 55%, 59%
CMY	0.8510, 0.4471, 0.4078
CMYK	0.75, 0.07, 0.00, 0.41
HSL	185°, 60%, 37%
HSV	185°, 75%, 59%
XYZ	15.9101, 21.6962, 32.6274
YIQ	111.3430, -64.5980, -18.7260

# Conversions

## Conversions Part 2

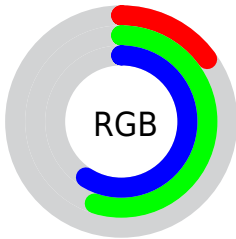
Format	Color
R <sub>Y</sub> B	38, 92, 151
Decimal	2526615
CIE Lab	53.70, -24.89, -13.66
CIE LCh	54, 28.387, 208.759
Yxy	21.6962, 0.2265, 0.3089
Android (android.graphics.Color)	4280716695 (0xFF268D97)
YUV	111.3430, 19.5509, -64.3218
Hunter-Lab	46.5792, -20.5430, -8.9256

# Details

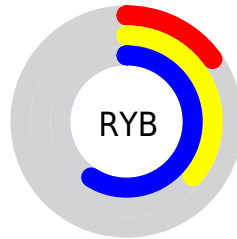
The Decimal color **2526615** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9908262**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6734797**, and **23140** is the 20% darker color. If you saturate the color by 10%, you get **1543319**, and if you desaturate by 10%, it is **3509911**.

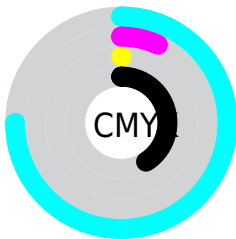
# Distribution



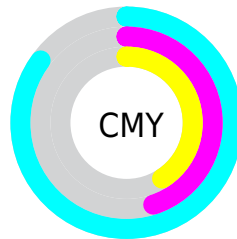
- Red (15%)
- Green (55%)
- Blue (59%)



- Red (15%)
- Yellow (36%)
- Blue (59%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (85%)
- Magenta (45%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2526615 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 2526615 by changing the saturation by 10% instead.



■ 2526615

■ 2526615

16777215

■ 29565

■ 6734797

■ 23140

■ 8642537

■ 16972

■ 10484991

■ 11318

■ 12451839

■ 5920

■ 14352383

■ 7

■ 16318463

■ 0

■ 2526615

■ 2526615

■ 1543319

■ 3509911

■ 559767

■ 4493463

■ 35479

■ 5476759

■ 6460055

■ 7509143

■ 8492439

■ 9475735

■ 10459287

■ 11442583

# Harmonies

## Analogous

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



4033918



2526615



3574441

# Triad

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



2526615



10384026



9600591

# Complementary

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



2526615



9908262

# 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.



10843735



2526615



11431554

# Square

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



2526615



8551083



11562858



7898709

# Rectangle

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



2526615



5211568



11562858



10058832



# Sweetspot

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



2526615



10076612



2529071



4874595



14935011



6513507



# Same Dimension

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



2526615



1357252



2512279



4541517



32908



3085



# Inverse Universe

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



9905805



12850357



9922598



5064012



9175168



851980



# Previews

## White Background



This preview shows how the Decimal color 2526615 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



This preview shows how the Decimal color 2526615 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

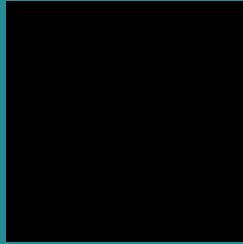
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2526615 Background



This preview shows how black text looks on a background with the Decimal color 2526615.

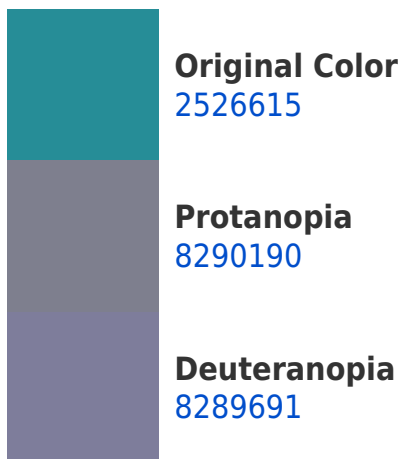


This preview shows how white text looks on a background with the Decimal color 2526615.

# 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





# Trichromacy



**Original Color**  
2526615



**Protanomaly**  
6194321



**Deuteranomaly**  
6194074



**Tritanomaly**  
2592152

# Monochromacy



**Original Color**  
2526615



**Achromatopsia**  
7303023



**Achromatomaly**  
5536382

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2526615 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 #268D97 looks like.

```
.text, #text, p{  
    color:#268D97  
}
```

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 #268D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268D97  
}
```

## Border

The CSS property to change the border of an element to Decimal 2526615 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  
#268D97 }
```

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

```
.border{ border-color:#268D97 }
```

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

Here you see how a box with a 4 pixel #268D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268D97; -webkit-box-shadow:4px 4px  
4px 4px #268D97; box-shadow:4px 4px 4px  
4px #268D97 }
```

# Background

The CSS property to change the background color of an element to Decimal 2526615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268D97 }
```

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

```
.background{ background-color:#268D97 }
```

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