

# Converting Colors

Decimal(32649)

Have a look what the booklet for  
Decimal(32649) contains.

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# Color

**Decimal(32649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007F89
RGB	0, 127, 137
RGB Percent	0%, 50%, 54%
CMY	1.0000, 0.5020, 0.4627
CMYK	1.00, 0.07, 0.00, 0.46
HSL	184°, 100%, 27%
HSV	184°, 100%, 54%
XYZ	12.1047, 16.9849, 26.3073
YIQ	90.1670, -78.9020, -23.8140

# Conversions

## Conversions Part 2

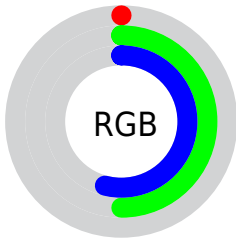
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 137
Decimal	32649
CIELab	48.24, -25.34, -13.81
CIELCh	48, 28.858, 208.583
Yxy	16.9849, 0.2185, 0.3066
Android (android.graphics.Color)	4278222729 (0xFF007F89)
YUV	90.1670, 23.0887, -79.0765
Hunter-Lab	41.2127, -19.6944, -8.9977

# Details

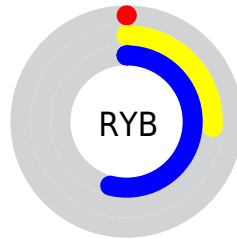
The Decimal color **32649** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8980992**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **5551294**, and **19799** is the 20% darker color. If you saturate the color by 10%, you get **32649**, and if you desaturate by 10%, it is **950409**.

# Distribution



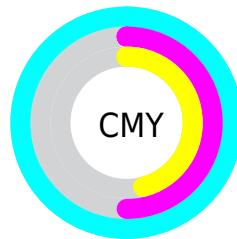
- Red (0%)
- Green (50%)
- Blue (54%)



- Red (0%)
- Yellow (26%)
- Blue (54%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (50%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 32649 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 32649 by changing the saturation by 10% instead.



 32649       32649

16777215       26224

 5551294       19799

 7459034       13888

 9366775       8746

 11272191       278

 13172735       0

 15138815

 32649

 950409

■ 1802633

■ 2720393

■ 3638153

■ 4555913

■ 5408137

■ 6325897

■ 7243657

■ 8095881

# Harmonies

## Analogous

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



2850672



32649



1997979

# Triad

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



32649



9462924



8614209

# Complementary

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



32649



8980992

# 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.



9922634



32649



10510453

# Square

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



32649



7630237



10576220



6977607

# Rectangle

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



32649



4094114



10576220



9137731



# Sweetspot

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



32649



8236979



35081



3757913



14277081



5855577



# Same Dimension

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



32649



42419



15241



4080709



31621



1285



# Inverse Universe

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



8978559



11731109



8998400



4537924



8716411



327685



# Previews

## White Background



This preview shows how the Decimal color 32649 looks on a white background.

### Color Contrast Check

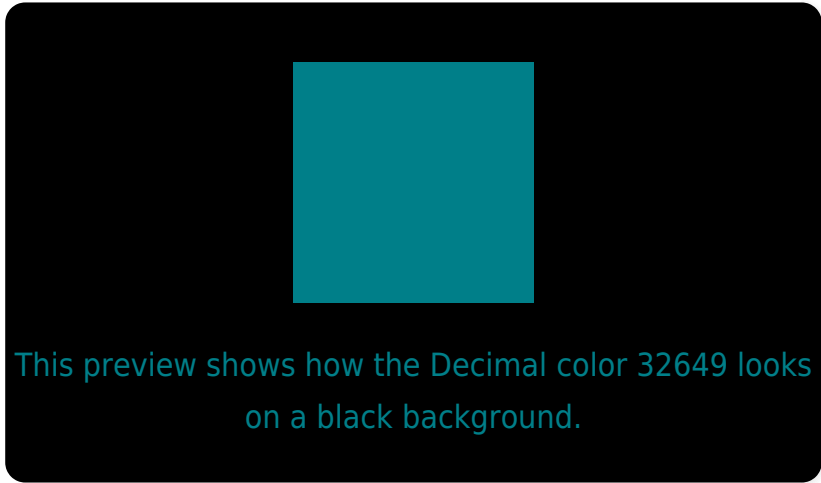
Large Text (above 18pt) WCAG AA ✓ Pass

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

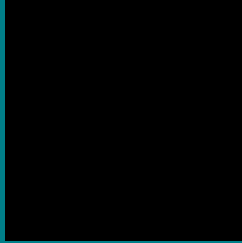
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 32649 Background



This preview shows how black text looks on a background with the Decimal color 32649.

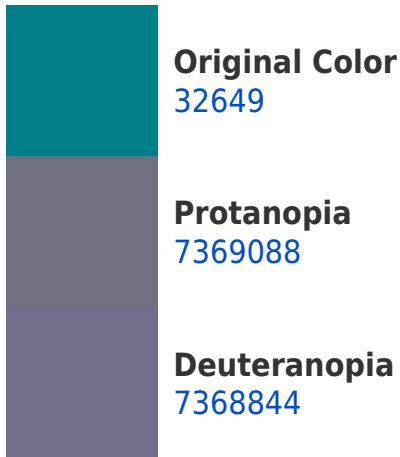


This preview shows how white text looks on a background with the Decimal color 32649.

# 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**  
360329

# Trichromacy



**Original Color**  
32649

**Protanomaly**  
4683395

**Deuteranomaly**  
4683147

**Tritanomaly**  
229257

# Monochromacy



**Original Color**  
32649

**Achromatopsia**  
5921370

**Achromatomaly**  
3762027

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 32649 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 #007F89 looks like.

```
.text, #text, p{  
    color:#007F89  
}
```

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 #007F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F89
}
```

## Border

The CSS property to change the border of an element to Decimal 32649 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
#007F89 }
```

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

```
.border{ border-color:#007F89 }
```

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

Here you see how a box with a 4 pixel #007F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F89; -webkit-box-shadow:4px 4px  
4px 4px #007F89; box-shadow:4px 4px 4px  
4px #007F89 }
```

# Background

The CSS property to change the background color of an element to Decimal 32649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F89 }
```

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

```
.background{ background-color:#007F89 }
```

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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