

Converting Colors

Decimal(33692)

Have a look what the booklet for
Decimal(33692) contains.

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Color

Decimal(33692)

Conversions

Conversions Part 1

Format	Color
Hex	00839C
RGB	0, 131, 156
RGB Percent	0%, 51%, 61%
CMY	1.0000, 0.4863, 0.3882
CMYK	1.00, 0.16, 0.00, 0.39
HSL	190°, 100%, 31%
HSV	190°, 100%, 61%
XYZ	14.1170, 18.6329, 34.3050
YIQ	94.6810, -86.1010, -19.9970

Conversions

Conversions Part 2

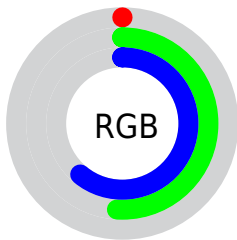
Format	Color
RYB	0, 71, 156
Decimal	33692
CIELab	50.25, -20.79, -21.86
CIELCh	50, 30.166, 226.436
Yxy	18.6329, 0.2105, 0.2779
Android (android.graphics.Color)	4278223772 (0xFF00839C)
YUV	94.6810, 30.2303, -83.0352
Hunter-Lab	43.1658, -17.1632, -16.9031

Details

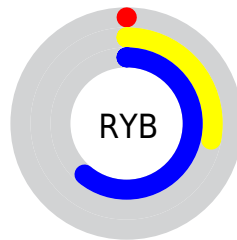
The Decimal color **33692** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10230016**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5814483**, and **20841** is the 20% darker color. If you saturate the color by 10%, you get **33692**, and if you desaturate by 10%, it is **1082780**.

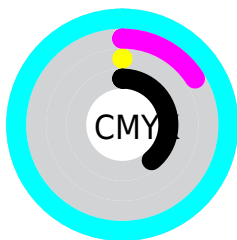
Distribution



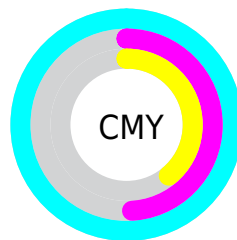
- Red (0%)
- Green (51%)
- Blue (61%)



- Red (0%)
- Yellow (28%)
- Blue (61%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



















- Cyan (100%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33692 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 33692 by changing the saturation by 10% instead.

 33692	 33692
 16777215	 27266
 5814483	 20841
 7787759	 14928
 9695487	 9273
 11665407	 1060
 13565951	 12
 15532031	 0

 33692

 1082780

■ 2066588

■ 3115676

■ 4099484

■ 5148572

■ 6197916

■ 7181468

■ 8230812

■ 9214620

Harmonies

Analogous

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



951685



33692



3964585

Triad

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



33692



10642820



8026949

Complementary

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



33692



10230016

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.



9663046



33692



11166826

Square

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



33692



9202843



10709331



6127955

Rectangle

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



33692



5994666



10709331



8616004

Sweetspot

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



33692



9421516



39959



4284518



15132390



6710886

Same Dimension

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



33692



43980



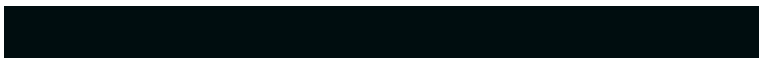
14236



4673103



30863



3343

Inverse Universe

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



10223747



13369515



10249472



5195598



9371768



983053

Previews

White Background



This preview shows how the Decimal color 33692 looks on a white background.

Color Contrast Check

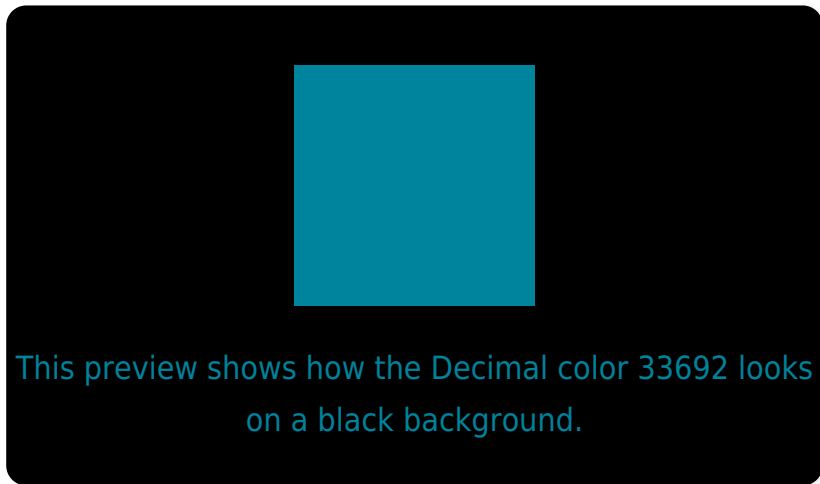
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

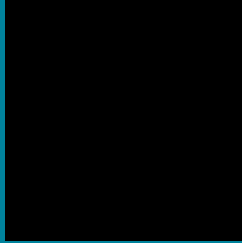
Any Text WCAG AA ✓ Pass

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 33692 Background



This preview shows how black text looks on a background with the Decimal color 33692.



This preview shows how white text looks on a background with the Decimal color 33692.

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



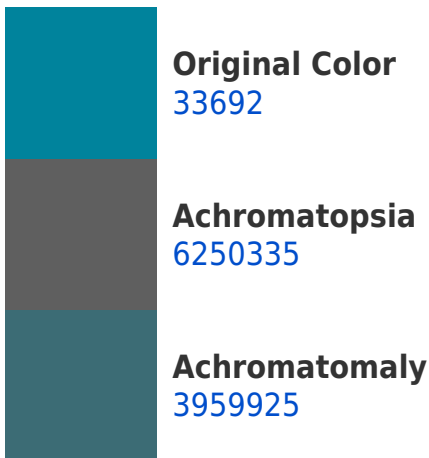


Tritanopia
34191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33692 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 #00839C looks like.

```
.text, #text, p{  
    color:#00839C  
}
```

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 #00839C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00839C
}
```

Border

The CSS property to change the border of an element to Decimal 33692 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
#00839C }
```

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

```
.border{ border-color:#00839C }
```

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

Here you see how a box with a 4 pixel #00839C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00839C; -webkit-box-shadow:4px 4px  
4px 4px #00839C; box-shadow:4px 4px 4px  
4px #00839C }
```

Background

The CSS property to change the background color of an element to Decimal 33692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00839C }
```

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

```
.background{ background-color:#00839C }
```

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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