

# Converting Colors

Hex(208D92)

Have a look what the booklet for  
Hex(208D92) contains.

<b>Hex(208D92)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(208D92)

# Conversions

## Conversions Part 1

Format	Color
Hex	208D92
RGB	32, 141, 146
RGB Percent	13%, 55%, 57%
CMY	0.8745, 0.4471, 0.4275
CMYK	0.78, 0.03, 0.00, 0.43
HSL	183°, 64%, 35%
HSV	183°, 78%, 57%
XYZ	15.3088, 21.4322, 30.5241
YIQ	108.9790, -66.5690, -21.5530

# Conversions

## Conversions Part 2

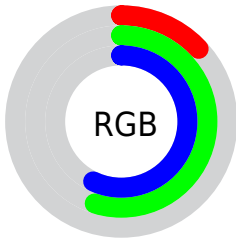
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 88, 146
Decimal	2133394
CIE <sub>Lab</sub>	53.42, -27.18, -11.21
CIE <sub>LCh</sub>	53, 29.398, 202.409
Yxy	21.4322, 0.2276, 0.3186
Android (android.graphics.Color)	4280323474 (0xFF208D92)
YUV	108.9790, 18.2514, -67.5106
Hunter-Lab	46.2949, -21.9894, -6.6859

# Details

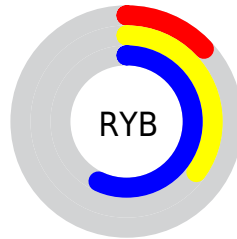
The Hex color **208D92** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **922520**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **62C3C8**, and **005A60** is the 20% darker color. If you saturate the color by 10%, you get **118C92**, and if you desaturate by 10%, it is **2F8E92**.

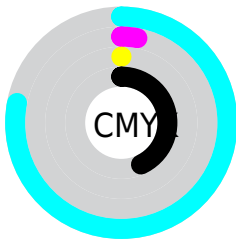
# Distribution



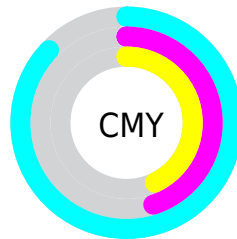
- Red (13%)
- Green (55%)
- Blue (57%)



- Red (13%)
- Yellow (35%)
- Blue (57%)



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (87%)
- Magenta (45%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 208D92 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 Hex color 208D92 by changing the saturation by 10% instead.





208D92



208D92

FFFFFF



007378



62C3C8



005A60



7FD9E4



004248



9CF9FF



002C31



B9FFFF



00151D



D6FFFF



000000



F4FFFF



208D92



208D92



118C92



2F8E92

038C92

3D8E92

008C92

4C8F92

5A9092

699092

789192

869192

959292

A39392

# Harmonies

## Analogous

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



408D78



208D92



278AA7

# Triad

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



208D92



99729F



967C4D

# Complementary

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



208D92



922520

# 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.



A97358



208D92



AC6D87

# Square

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



208D92



797BAE



B16D6E



7D8450

# Rectangle

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



208D92



4286AF



B16D6E



9D7950



# Sweetspot

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



208D92



91BBBD



209224



445D5E



DEDEDE



5E5E5E



# Same Dimension

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



208D92



0BB5BD



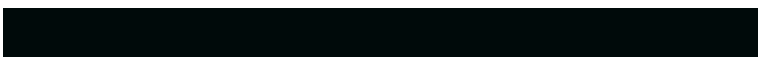
205592



434A4A



00848A



000A0A



# Inverse Universe

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



92208D



BD0BB5



925D20



4A434A



8A0084

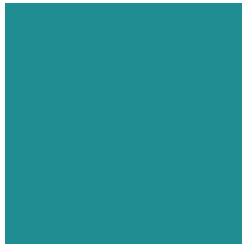


0A000A



# Previews

## White Background



This preview shows how the Hex color 208D92 looks on a white background.

## Color Contrast Check

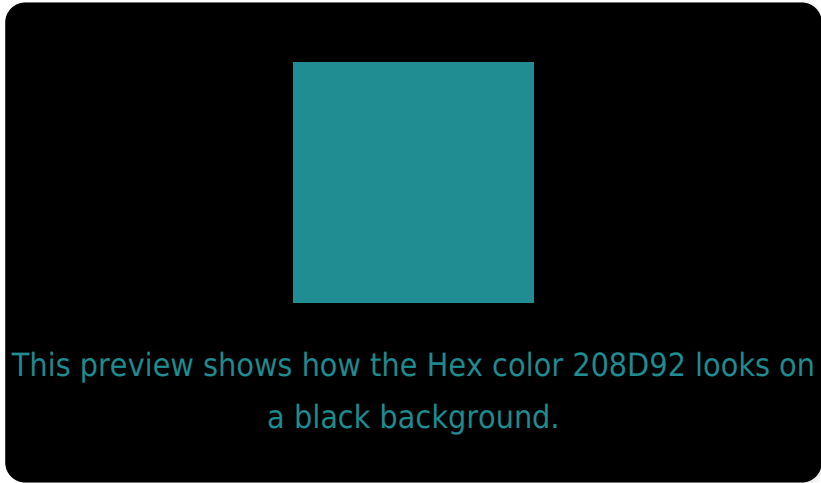
Large Text (above 18pt) WCAG AA ✓ Pass

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

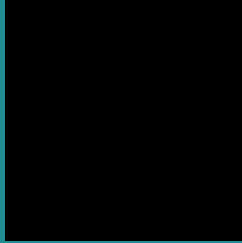
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 208D92 Background



This preview shows how black text looks on a background with the Hex color 208D92.

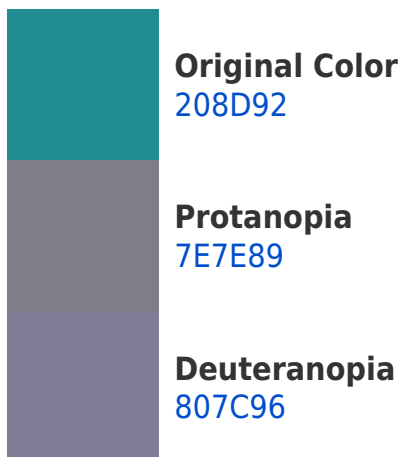


This preview shows how white text looks on a background with the Hex color 208D92.

# 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**  
258C98

# Trichromacy



**Original Color**  
208D92

**Protanomaly**  
5C838C

**Deuteranomaly**  
5D8295

**Tritanomaly**  
238C96

# Monochromacy



**Original Color**  
208D92

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
51797A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 208D92 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 #208D92 looks like.

```
.text, #text, p{  
    color:#208D92  
}
```

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 #208D92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208D92
}
```

## Border

The CSS property to change the border of an element to Hex 208D92 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
#208D92 }
```

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

```
.border{ border-color:#208D92 }
```

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

Here you see how a box with a 4 pixel #208D92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208D92; -webkit-box-shadow:4px 4px  
4px 4px #208D92; box-shadow:4px 4px 4px  
4px #208D92 }
```

# Background

The CSS property to change the background color of an element to Hex 208D92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208D92 }
```

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

```
.background{ background-color:#208D92 }
```

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