

# Converting Colors

Hex(1583A2)

Have a look what the booklet for  
Hex(1583A2) contains.

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# Color

Hex(1583A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	1583A2
RGB	21, 131, 162
RGB Percent	8%, 51%, 64%
CMY	0.9176, 0.4863, 0.3647
CMYK	0.87, 0.19, 0.00, 0.36
HSL	193°, 77%, 36%
HSV	193°, 87%, 64%
XYZ	14.9471, 19.0007, 37.0621
YIQ	101.6440, -75.5110, -13.6790

# Conversions

## Conversions Part 2

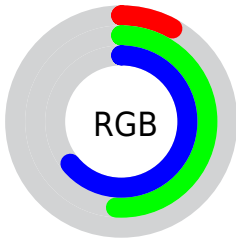
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 83, 162
Decimal	1409954
CIE <sub>Lab</sub>	50.69, -17.56, -24.66
CIE <sub>LCh</sub>	51, 30.279, 234.543
Yxy	19.0007, 0.2105, 0.2676
Android (android.graphics.Color)	4279600034 (0xFF1583A2)
YUV	101.6440, 29.7555, -70.7248
Hunter-Lab	43.5898, -15.0735, -19.8984

# Details

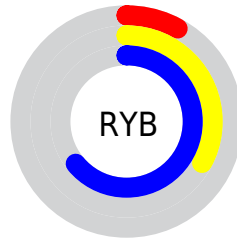
The Hex color **1583A2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A23415**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5EB8D9**, and **00516E** is the 20% darker color. If you saturate the color by 10%, you get **057FA2**, and if you desaturate by 10%, it is **2587A2**.

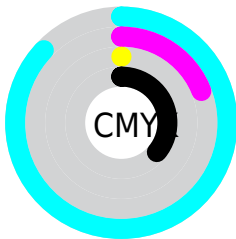
# Distribution



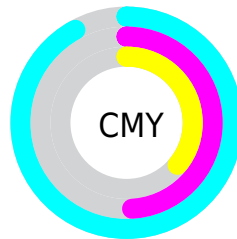
- Red (8%)
- Green (51%)
- Blue (64%)



- Red (8%)
- Yellow (33%)
- Blue (64%)



- Cyan (87%)
- Magenta (19%)
- Yellow (0%)
- Black (36%)



- Cyan (92%)
- Magenta (49%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1583A2 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 1583A2 by changing the saturation by 10% instead.



■ 1583A2

■ 1583A2

FFFFFF

■ 006A88

■ 5EB8D9

■ 00516E

■ 7CD4F5

■ 003A56

■ 99F0FF

■ 00253E

■ B7FFFF

■ 000829

■ D4FFFF

■ 000113

■ F2FFFF

■ 000000

■ 1583A2

■ 1583A2

■ 057FA2

■ 2587A2

007EA2

358AA2

468EA2

5691A2

6695A2

7698A2

869CA2

979FA2

A7A3A2

# Harmonies

## Analogous

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



00868D



1583A2



4A7DAC

# Triad

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



1583A2



A7657E



747E49

# Complementary

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



1583A2



A23415

# 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.



8E7645



1583A2



AB6665

# Square

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



1583A2



956A97



A16D50



56835A

# Rectangle

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



1583A2



6777AA



A16D50



7D7B46



# Sweetspot

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



1583A2



9DC8D4



15A234



4A646B



EBEBEB



6B6B6B



# Same Dimension

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



1583A2



00A5D4



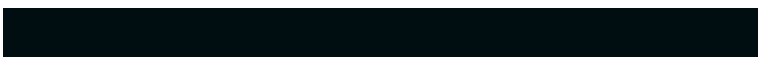
153DA2



495052



007191



000E12



# Inverse Universe

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



A21583



D400A5



A27A15



524950



910071



12000E



# Previews

## White Background



This preview shows how the Hex color 1583A2 looks on a white background.

## Color Contrast Check

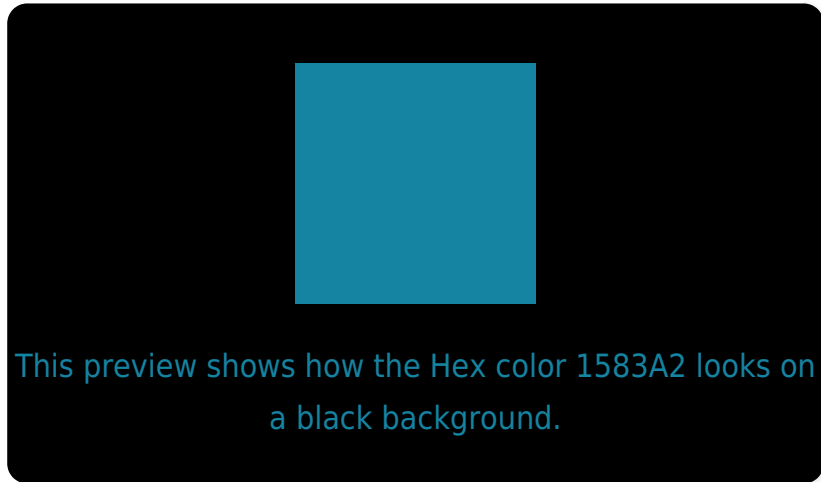
Large Text (above 18pt) WCAG AA ✓ Pass

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

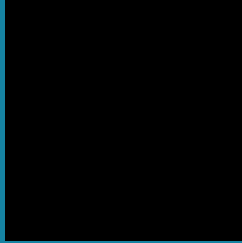
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1583A2 Background



This preview shows how black text looks on a background with the Hex color 1583A2.



This preview shows how white text looks on a background with the Hex color 1583A2.

# 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](#).

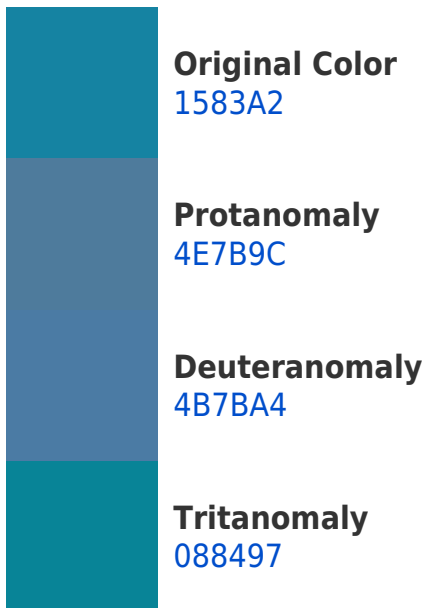
## Dichromacy



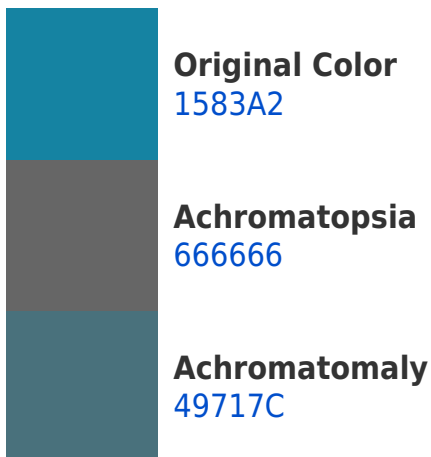


**Tritanopia**  
008590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1583A2 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 #1583A2 looks like.

```
.text, #text, p{  
    color:#1583A2  
}
```

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 #1583A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1583A2
}
```

## Border

The CSS property to change the border of an element to Hex 1583A2 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
#1583A2 }
```

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

```
.border{ border-color:#1583A2 }
```

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

Here you see how a box with a 4 pixel #1583A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1583A2; -webkit-box-shadow:4px 4px  
4px 4px #1583A2; box-shadow:4px 4px 4px  
4px #1583A2 }
```

# Background

The CSS property to change the background color of an element to Hex 1583A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1583A2 }
```

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

```
.background{ background-color:#1583A2 }
```

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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