

# Converting Colors

Hex(3DA092)

Have a look what the booklet for  
Hex(3DA092) contains.

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# Color

**Hex(3DA092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DA092
RGB	61, 160, 146
RGB Percent	24%, 63%, 57%
CMY	0.7608, 0.3725, 0.4275
CMYK	0.62, 0.00, 0.09, 0.37
HSL	172°, 45%, 43%
HSV	172°, 62%, 63%
XYZ	19.6836, 28.2090, 31.6016
YIQ	128.8030, -54.5100, -25.3420

# Conversions

## Conversions Part 2

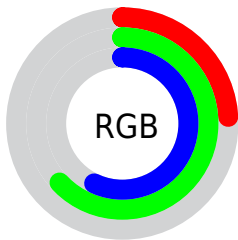
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 114, 160
Decimal	4038802
CIELab	60.08, -32.10, -1.25
CIElCh	60, 32.125, 182.231
Yxy	28.2090, 0.2476, 0.3549
Android (android.graphics.Color)	4282228882 (0xFF3DA092)
YUV	128.8030, 8.4781, -59.4632
Hunter-Lab	53.1122, -26.7935, 1.9012

# Details

The Hex color **3DA092** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A03D4B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **77D7C8**, and **006C60** is the 20% darker color. If you saturate the color by 10%, you get **2DA090**, and if you desaturate by 10%, it is **4DA094**.

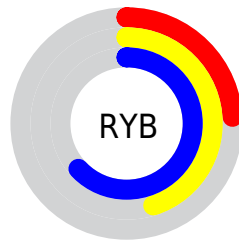
# Distribution



Red (24%)

Green (63%)

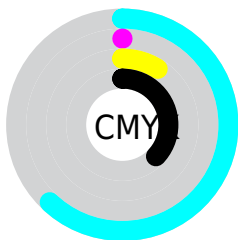
Blue (57%)



Red (24%)

Yellow (45%)

Blue (63%)

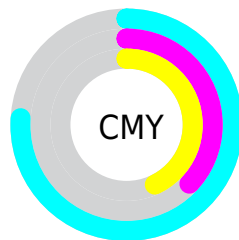


Cyan (62%)

Magenta (0%)

Yellow (9%)

Black (37%)



Cyan (76%)

Magenta (37%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DA092 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 3DA092 by changing the saturation by 10% instead.



 3DA092

 3DA092

FFFFFF

 198578

 77D7C8

 006C60

 94F4E4

 005348

 B0FFFF

 003B32

 CDFFFF

 00261D

 EBFFFF

 000103

 000000

 3DA092

 3DA092

 2DA090

 4DA094

■ 1DA08D

■ 5DA097

■ 0DA08B

■ 6DA099

■ 00A089

■ 7DA09B

■ 8DA09D

■ 9DA0A0

■ ADA0A2

■ BDA0A4

■ CDA0A6

# Harmonies

## Analogous

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



629E76



3DA092



219FAE

# Triad

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



3DA092



9789C1



B9865F

# Complementary

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



3DA092



A03D4B

# 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.



C77E74



3DA092



B67FAC

# Square

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



3DA092



6C93C9



C67B90



A29058

# Rectangle

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



3DA092



2E9DBD



C67B90



BF8365



# Sweetspot

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



3DA092



A9D1CB



4CA03D



516965



E8E8E8



696969



# Same Dimension

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



3DA092



36D1BB



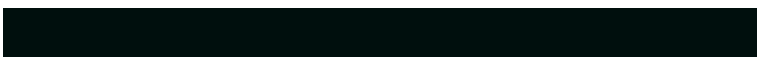
3D7DA0



474F4E



008F7B



000F0D



# Inverse Universe

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



A03D4B



D1364C



A0603D



4F4748



8F0014

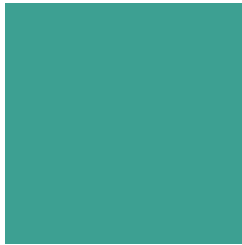


0F0002



# Previews

## White Background



This preview shows how the Hex color 3DA092 looks on a white background.

## Color Contrast Check

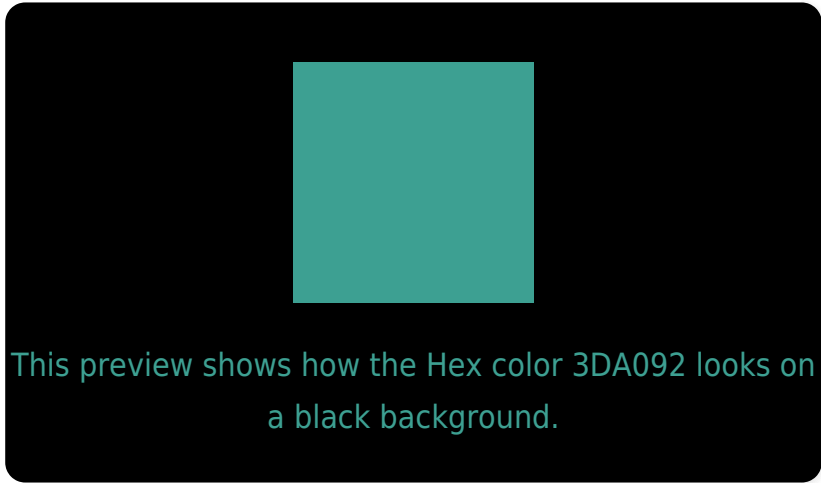
Large Text (above 18pt) WCAG AA ✓ Pass

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

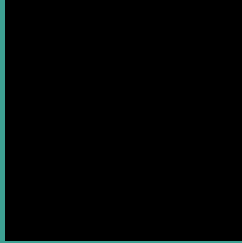
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3DA092 Background



This preview shows how black text looks on a background with the Hex color 3DA092.

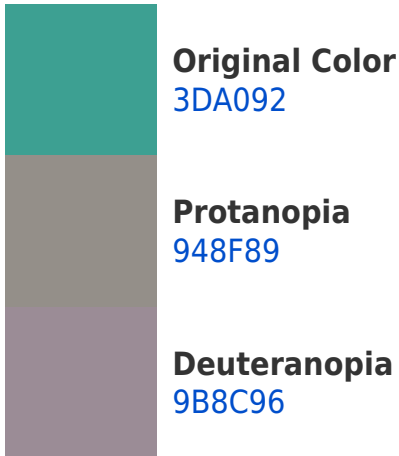


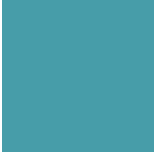
This preview shows how white text looks on a background with the Hex color 3DA092.

# 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**  
479DA9

# Trichromacy



**Original Color**  
3DA092



**Protanomaly**  
74958C



**Deuteranomaly**  
799395



**Tritanomaly**  
439EA1

# Monochromacy



**Original Color**  
3DA092



**Achromatopsia**  
818181



**Achromatomaly**  
688C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DA092 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 #3DA092 looks like.

```
.text, #text, p{  
    color:#3DA092  
}
```

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 #3DA092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA092
}
```

## Border

The CSS property to change the border of an element to Hex 3DA092 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
#3DA092 }
```

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

```
.border{ border-color:#3DA092 }
```

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

Here you see how a box with a 4 pixel #3DA092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA092; -webkit-box-shadow:4px 4px  
4px 4px #3DA092; box-shadow:4px 4px 4px  
4px #3DA092 }
```

# Background

The CSS property to change the background color of an element to Hex 3DA092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA092 }
```

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

```
.background{ background-color:#3DA092 }
```

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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