

# Converting Colors

Hex(35A092)

Have a look what the booklet for  
Hex(35A092) contains.

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**Color**

**Hex(35A092)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 35A092                       |
| RGB         | 53, 160, 146                 |
| RGB Percent | 21%, 63%, 57%                |
| CMY         | 0.7922, 0.3725, 0.4275       |
| CMYK        | 0.67, 0.00, 0.09, 0.37       |
| HSL         | 172°, 50%, 42%               |
| HSV         | 172°, 67%, 63%               |
| XYZ         | 19.2273, 27.9738, 31.5802    |
| YIQ         | 126.4110, -59.2780, -27.0380 |

# Conversions

## Conversions Part 2

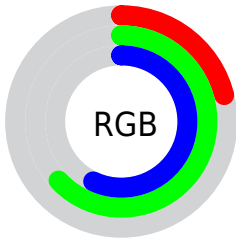
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 53, 110, 160                  |
| Decimal                             | 3514514                       |
| CIE Lab                             | 59.87, -33.49, -1.59          |
| CIE LCh                             | 60, 33.527, 182.711           |
| Yxy                                 | 27.9738, 0.2441,<br>0.3551    |
| Android<br>(android.graphics.Color) | 4281704594<br>(0xFF35A092)    |
| YUV                                 | 126.4110, 9.6574,<br>-64.3814 |
| Hunter-Lab                          | 52.8903, -27.6675,<br>1.6218  |

# Details

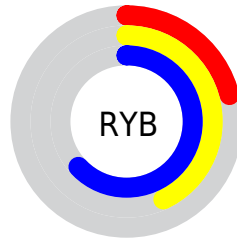
The Hex color **35A092** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A03543**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **71D7C8**, and **006C60** is the 20% darker color. If you saturate the color by 10%, you get **25A090**, and if you desaturate by 10%, it is **45A094**.

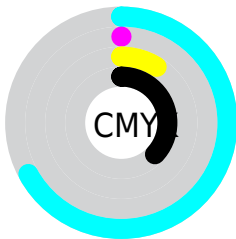
# Distribution



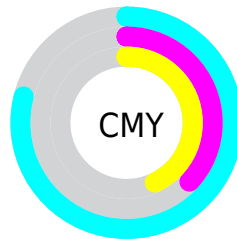
- Red (21%)
- Green (63%)
- Blue (57%)



- Red (21%)
- Yellow (43%)
- Blue (63%)



- Cyan (67%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)



- Cyan (79%)
- Magenta (37%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35A092 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 35A092 by changing the saturation by 10% instead.





35A092



35A092

FFFFFF



068578



71D7C8



006C60



8EF4E4



005348



ABFFFF



003B32



C8FFFF



00261D



E6FFFF



000003



000000



35A092



35A092



25A090



45A094

■ 15A08E

■ 55A096

■ 05A08C

■ 65A098

■ 00A08B

■ 75A09A

■ 85A09C

■ 95A09F

■ A5A0A1

■ B5A0A3

■ C5A0A5

# Harmonies

## Analogous

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



5E9E74



35A092



0A9FAF

# Triad

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



35A092



9788C2



BA855C

# Complementary

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



35A092



A03543

# 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.



C87C72



35A092



B87EAC

# Square

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



35A092



6A92CB



C8798F



A18F55

# Rectangle

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



35A092



229CBE



C8798F



C08262



# Sweetspot

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



35A092



A7D1CC



43A035



4F6965



E8E8E8



696969



# Same Dimension

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



35A092



2AD1BB



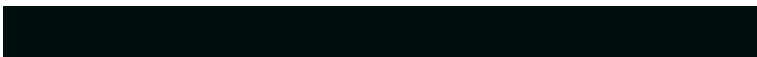
3579A0



474F4E



008F7C



000F0D



# Inverse Universe

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



A03543



D12A40



A05C35



4F4748



8F0013

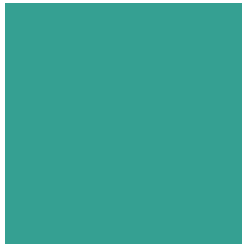


0F0002



# Previews

## White Background



This preview shows how the Hex color 35A092 looks on a white background.

## Color Contrast Check

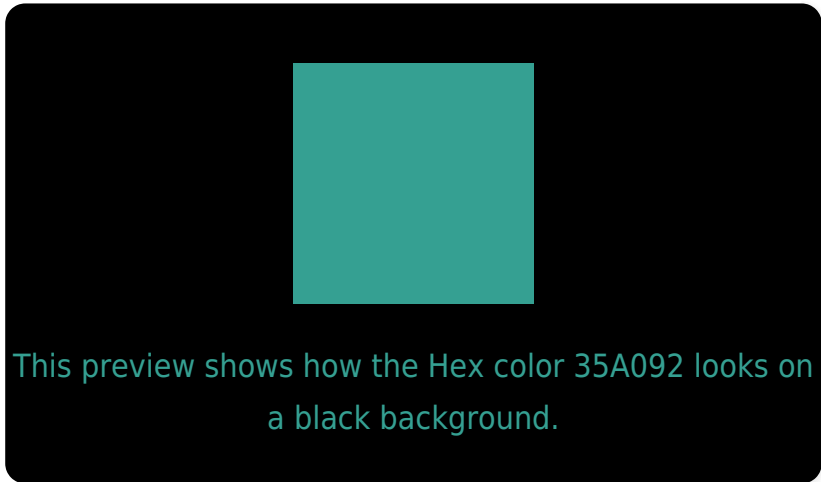
Large Text (above 18pt) WCAG AA ✓ Pass

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

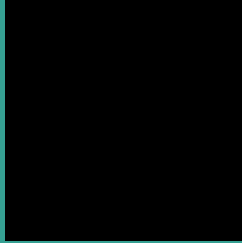
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 35A092 Background



This preview shows how black text looks on a background with the Hex color 35A092.

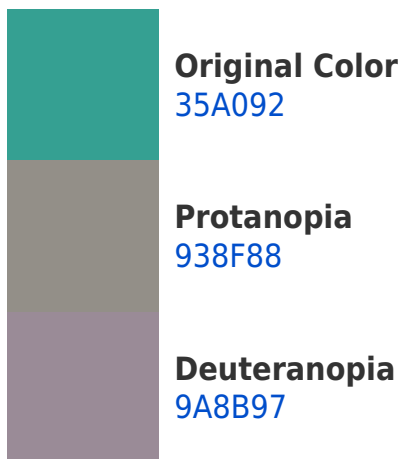


This preview shows how white text looks on a background with the Hex color 35A092.

# 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**  
409DA9

# Trichromacy



**Original Color**  
35A092



**Protanomaly**  
71958C



**Deuteranomaly**  
759395



**Tritanomaly**  
3C9EA1

# Monochromacy



**Original Color**  
35A092



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
638A85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35A092 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 #35A092 looks like.

```
.text, #text, p{  
    color:#35A092  
}
```

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 #35A092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A092
}
```

## Border

The CSS property to change the border of an element to Hex 35A092 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
#35A092 }
```

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

```
.border{ border-color:#35A092 }
```

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

Here you see how a box with a 4 pixel #35A092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A092; -webkit-box-shadow:4px 4px  
4px 4px #35A092; box-shadow:4px 4px 4px  
4px #35A092 }
```

# Background

The CSS property to change the background color of an element to Hex 35A092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A092 }
```

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

```
.background{ background-color:#35A092 }
```

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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