

Converting Colors

Hex(3088AF)

Have a look what the booklet for
Hex(3088AF) contains.

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Color

Hex(3088AF)

Conversions

Conversions Part 1

Format	Color
Hex	3088AF
RGB	48, 136, 175
RGB Percent	19%, 53%, 69%
CMY	0.8118, 0.4667, 0.3137
CMYK	0.73, 0.22, 0.00, 0.31
HSL	198°, 57%, 44%
HSV	198°, 73%, 69%
XYZ	17.7609, 21.3318, 43.7388
YIQ	114.1340, -64.9670, -6.5270

Conversions

Conversions Part 2

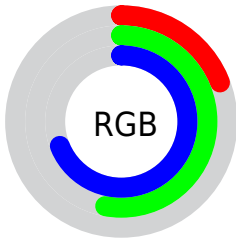
Format	Color
R_{YB}	48, 100, 175
Decimal	3180719
CIE _{Lab}	53.31, -12.90, -28.07
CIE _{LCh}	53, 30.891, 245.320
Yxy	21.3318, 0.2144, 0.2575
Android (android.graphics.Color)	4281370799 (0xFF3088AF)
YUV	114.1340, 30.0069, -57.9995
Hunter-Lab	46.1864, -12.1842, -23.8175

Details

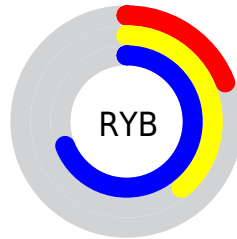
The Hex color **3088AF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AF5730**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6FBDE7**, and **00567A** is the 20% darker color. If you saturate the color by 10%, you get **1E83AF**, and if you desaturate by 10%, it is **428DAF**.

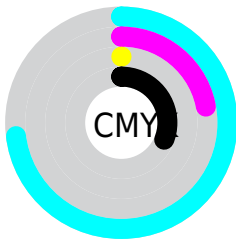
Distribution



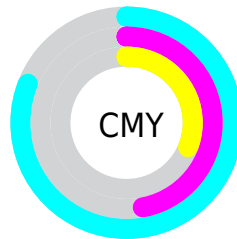
- Red (19%)
- Green (53%)
- Blue (69%)



- Red (19%)
- Yellow (39%)
- Blue (69%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)



- Cyan (81%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3088AF 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 3088AF by changing the saturation by 10% instead.

■ 3088AF

■ 3088AF

FFFFFF

■ 006F94

■ 6FBDE7

■ 00567A

■ 8CD9FF

■ 003F61

■ A9F6FF

■ 002949

■ C6FFFF

■ 001633

■ E4FFFF

■ 00021D

■ 000000

■ 3088AF

■ 3088AF

■ 1E83AF

■ 428DAF

0D7DAF

5393AF

0079AF

6598AF

769DAF

88A3AF

99A8AF

ABAEAF

BCB3AF

CEB8AF

Harmonies

Analogous

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



028C9D



3088AF



6080B4

Triad

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



3088AF



B26A7C



708753

Complementary

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



3088AF



AF5730

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.



8C7F4A



3088AF



B16E62

Square

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



3088AF



A56E96



A37650



4F8C68

Rectangle

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



3088AF



7C7AAF



A37650



7A854E

Sweetspot

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



3088AF



B1D4E3



30AF56



556A73



F2F2F2



737373

Same Dimension

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



3088AF



1EA6E3



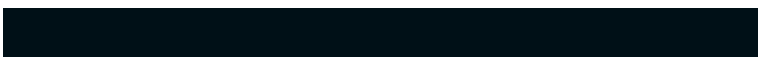
3049AF



4E5457



006896



001017

Inverse Universe

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



AF3088



E31EA6



AF9630



574E54



960068



170010

Previews

White Background



This preview shows how the Hex color 3088AF looks on a white background.

Color Contrast Check

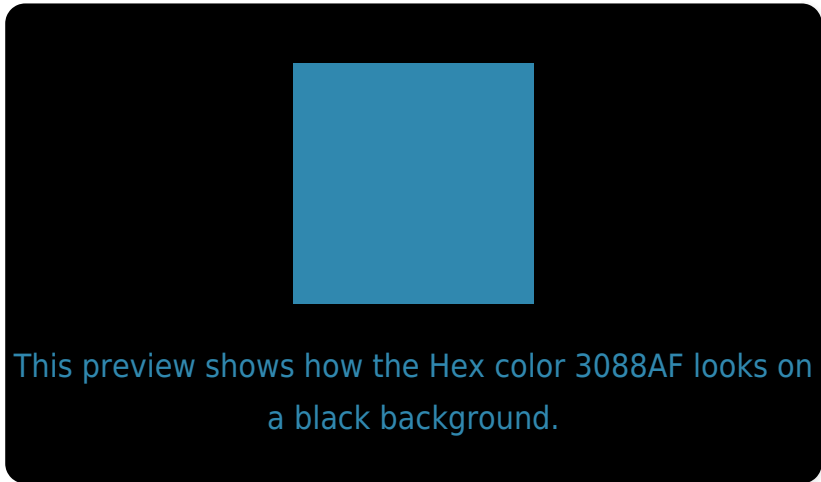
Large Text (above 18pt) WCAG AA ✓ Pass

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 3088AF Background



This preview shows how black text looks on a background with the Hex color 3088AF.

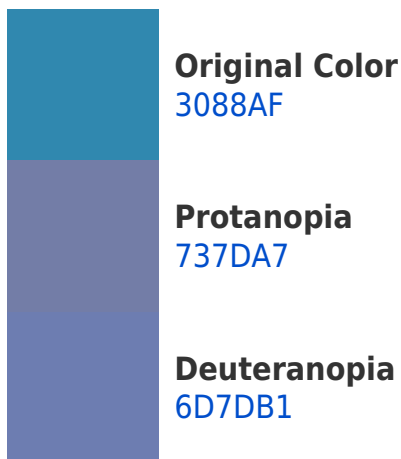


This preview shows how white text looks on a background with the Hex color 3088AF.

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](#).

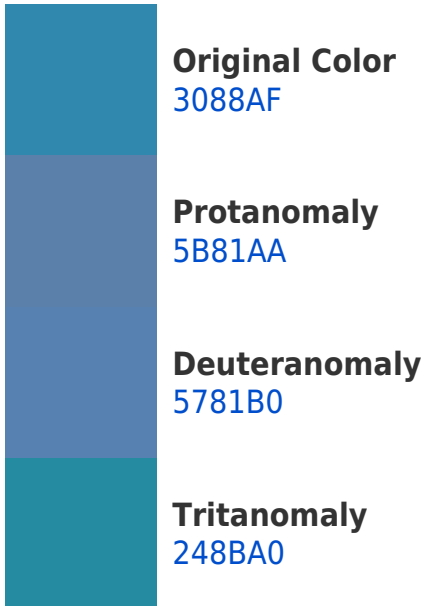
Dichromacy





Tritanopia
1D8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3088AF 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 #3088AF looks like.

```
.text, #text, p{  
    color:#3088AF  
}
```

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 #3088AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3088AF
}
```

Border

The CSS property to change the border of an element to Hex 3088AF 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
#3088AF }
```

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

```
.border{ border-color:#3088AF }
```

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

Here you see how a box with a 4 pixel #3088AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3088AF; -webkit-box-shadow:4px 4px  
4px 4px #3088AF; box-shadow:4px 4px 4px  
4px #3088AF }
```

Background

The CSS property to change the background color of an element to Hex 3088AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3088AF }
```

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

```
.background{ background-color:#3088AF }
```

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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