

# Converting Colors

Hex(32864F)

Have a look what the booklet for  
Hex(32864F) contains.

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# Color

Hex(32864F)

# Conversions

## Conversions Part 1

Format	Color
Hex	32864F
RGB	50, 134, 79
RGB Percent	20%, 53%, 31%
CMY	0.8039, 0.4745, 0.6902
CMYK	0.63, 0.00, 0.41, 0.47
HSL	141°, 46%, 36%
HSV	141°, 63%, 53%
XYZ	11.2518, 18.2928, 10.3350
YIQ	102.6140, -32.4090, -34.9130

# Conversions

## Conversions Part 2

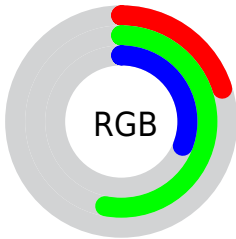
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 112, 134
Decimal	3311183
CIELab	49.85, -38.33, 22.30
CIELCh	50, 44.343, 149.805
Yxy	18.2928, 0.2821, 0.4587
Android (android.graphics.Color)	4281501263 (0xFF32864F)
YUV	102.6140, -11.6417, -46.1425
Hunter-Lab	42.7701, -27.8887, 15.6122




# Details

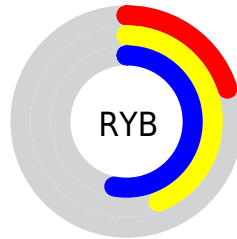
The Hex color **32864F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **863269**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **69BC81**, and **005321** is the 20% darker color. If you saturate the color by 10%, you get **258646**, and if you desaturate by 10%, it is **3F8658**.

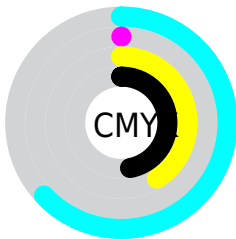
# Distribution







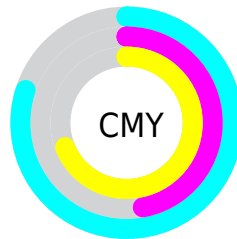
-  Red (20%)
-  Green (53%)
-  Blue (31%)






-  Red (20%)
-  Yellow (44%)
-  Blue (53%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (47%)



-  Cyan (80%)
-  Magenta (47%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32864F 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 32864F by changing the saturation by 10% instead.



 32864F

 32864F

FFFFFF

 106C38

 69BC81

 005321

 84D89B

 003B0B

 A0F5B6

 002600

 BCFFD2

 000000

 D9FFEE

 F6FFFF

 32864F

 32864F

 258646

 3F8658

■ 17863D

■ 4D8661

■ 0A8635

■ 5A8669

■ 00862E

■ 688672

■ 75867B

■ 828684

■ 90868C

■ 9D8695

■ AB869E

# Harmonies

## Analogous

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



667F31



32864F



008975

# Triad

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



32864F



207BC2



BA5953

# Complementary

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



32864F



863269

# 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.



BA5578



32864F



776DB8

# Square

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



32864F



0084B7



A45E9D



A96635

# Rectangle

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



32864F



00898F



A45E9D



BC575F



# Sweetspot

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



32864F



8CAD98



6A8632



43574A



D6D6D6



575757



# Same Dimension

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



32864F



2BAD58



328678



3C423E



00822D



000301



# Inverse Universe

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



863269



AD2B81



863240



423C40



820055



030002



# Previews

## White Background



This preview shows how the Hex color 32864F looks on a white background.

## Color Contrast Check

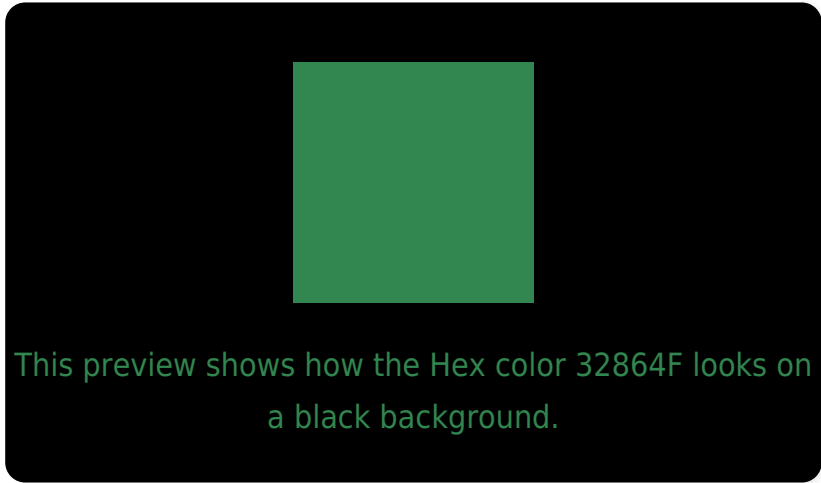
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

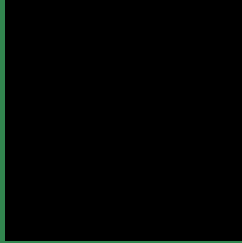
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 32864F Background



This preview shows how black text looks on a background with the Hex color 32864F.



This preview shows how white text looks on a background with the Hex color 32864F.

# 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**  
447F89

# Trichromacy



**Original Color**  
32864F

**Protanomaly**  
647C4B

**Deuteranomaly**  
6B7952

**Tritanomaly**  
3D8274

# Monochromacy



**Original Color**  
32864F

**Achromatopsia**  
676767

**Achromatomaly**  
54725E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32864F 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 #32864F looks like.

```
.text, #text, p{  
    color:#32864F  
}
```

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 #32864F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32864F
}
```

## Border

The CSS property to change the border of an element to Hex 32864F 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
#32864F }
```

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

```
.border{ border-color:#32864F }
```

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

Here you see how a box with a 4 pixel #32864F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32864F; -webkit-box-shadow:4px 4px  
4px 4px #32864F; box-shadow:4px 4px 4px  
4px #32864F }
```

# Background

The CSS property to change the background color of an element to Hex 32864F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32864F }
```

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

```
.background{ background-color:#32864F }
```

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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