

Converting Colors

Hex(32A368)

Have a look what the booklet for
Hex(32A368) contains.

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Color

Hex(32A368)

Conversions

Conversions Part 1

Format	Color
Hex	32A368
RGB	50, 163, 104
RGB Percent	20%, 64%, 41%
CMY	0.8039, 0.3608, 0.5922
CMYK	0.69, 0.00, 0.36, 0.36
HSL	149°, 53%, 42%
HSV	149°, 69%, 64%
XYZ	16.9113, 27.8720, 17.5852
YIQ	122.4870, -48.4090, -42.3050

Conversions

Conversions Part 2

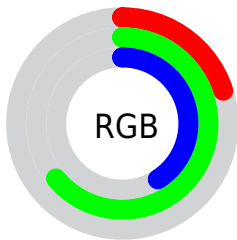
Format	Color
RYB	50, 126, 163
Decimal	3318632
CIELab	59.77, -45.39, 21.73
CIELCh	60, 50.318, 154.419
Yxy	27.8720, 0.2712, 0.4469
Android (android.graphics.Color)	4281508712 (0xFF32A368)
YUV	122.4870, -9.1141, -63.5711
Hunter-Lab	52.7939, -35.2111, 17.2067

Details

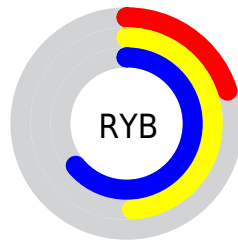
The Hex color **32A368** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3326D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6EDB9C**, and **006E38** is the 20% darker color. If you saturate the color by 10%, you get **22A35F**, and if you desaturate by 10%, it is **42A371**.

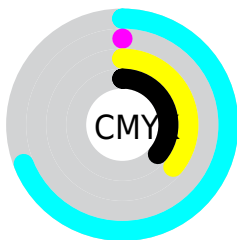
Distribution



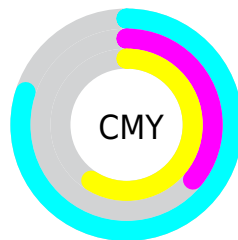
- Red (20%)
- Green (64%)
- Blue (41%)



- Red (20%)
- Yellow (49%)
- Blue (64%)



- Cyan (69%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (80%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32A368 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 32A368 by changing the saturation by 10% instead.



32A368



32A368

FFFFFF



018850



6EDB9C



006E38



8BF8B7



005522



A8FFD2



003C0C



C5FFEF



002700



E2FFFF



000000



32A368



32A368



22A35F



42A371



11A357



53A379

■ 01A34E

■ 63A382

■ 00A34E

■ 73A38A

■ 84A393

■ 94A39B

■ A4A3A4

■ B4A3AC

■ C5A3B5

Harmonies

Analogous

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



759C43



32A368



00A695

Triad

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



32A368



4593E8



DE7060

Complementary

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



32A368



A3326D

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.



E1698B



32A368



9B82D9

Square

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



32A368



009FDF



CB70B7



C7803F

Rectangle

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



32A368



00A6B3



CB70B7



E16C6E

Sweetspot

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



32A368



A7D4BC



6EA332



506B5D



EBEBEB



6B6B6B

Same Dimension

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



32A368



24D478



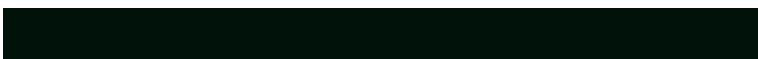
32A39F



49524D



009145



001209

Inverse Universe

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



A3326D



D42480



A33236



52494E



91004C



120009

Previews

White Background



This preview shows how the Hex color 32A368 looks on a white background.

Color Contrast Check

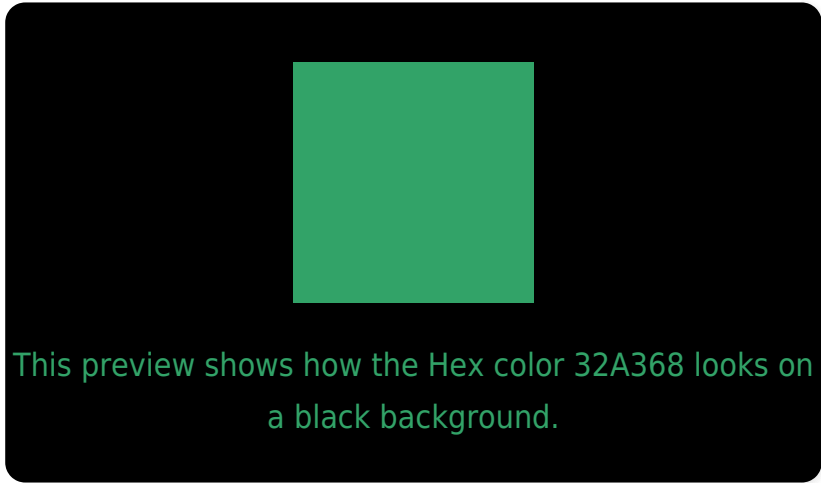
Large Text (above 18pt) WCAG AA ✓ Pass

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

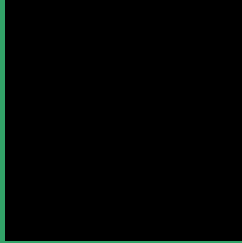
Any Text WCAG AA ✓ Pass

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 32A368 Background



This preview shows how black text looks on a background with the Hex color 32A368.



This preview shows how white text looks on a background with the Hex color 32A368.

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
4A9BA8

Trichromacy



Original Color
32A368



Protanomaly
759663



Deuteranomaly
7D926C



Tritanomaly
419E91

Monochromacy



Original Color
32A368



Achromatopsia
7A7A7A



Achromatomaly
608973

CSS Examples

Text

The CSS property to change the color of the text to Hex 32A368 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 #32A368 looks like.

```
.text, #text, p{  
    color:#32A368  
}
```

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 #32A368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32A368
}
```

Border

The CSS property to change the border of an element to Hex 32A368 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
#32A368 }
```

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

```
.border{ border-color:#32A368 }
```

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

Here you see how a box with a 4 pixel #32A368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32A368; -webkit-box-shadow:4px 4px  
4px 4px #32A368; box-shadow:4px 4px 4px  
4px #32A368 }
```

Background

The CSS property to change the background color of an element to Hex 32A368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32A368 }
```

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

```
.background{ background-color:#32A368 }
```

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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