

Converting Colors

Hex(32B251)

Have a look what the booklet for
Hex(32B251) contains.

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Color

Hex(32B251)

Conversions

Conversions Part 1

Format	Color
Hex	32B251
RGB	50, 178, 81
RGB Percent	20%, 70%, 32%
CMY	0.8039, 0.3020, 0.6824
CMYK	0.72, 0.00, 0.54, 0.30
HSL	135°, 56%, 45%
HSV	135°, 72%, 70%
XYZ	18.7210, 33.1130, 13.1893
YIQ	128.6700, -45.1510, -57.3030

Conversions

Conversions Part 2

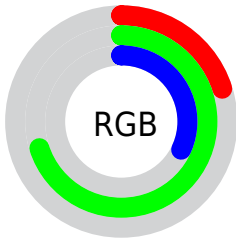
Format	Color
RYB	50, 153, 178
Decimal	3322449
CIELab	64.25, -55.00, 39.41
CIElCh	64, 67.661, 144.378
Yxy	33.1130, 0.2879, 0.5092
Android (android.graphics.Color)	4281512529 (0xFF32B251)
YUV	128.6700, -23.5013, -68.9936
Hunter-Lab	57.5439, -42.6296, 26.6912

Details

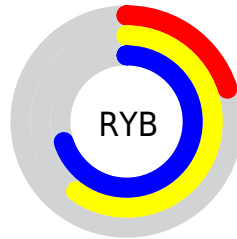
The Hex color **32B251** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B23293**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **72EB85**, and **007C1F** is the 20% darker color. If you saturate the color by 10%, you get **20B244**, and if you desaturate by 10%, it is **44B25E**.

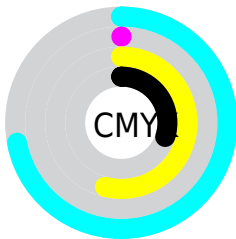
Distribution



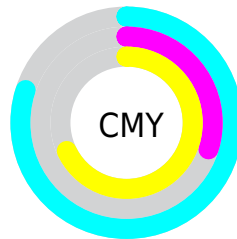
- Red (20%)
- Green (70%)
- Blue (32%)



- Red (20%)
- Yellow (60%)
- Blue (70%)



- Cyan (72%)
- Magenta (0%)
- Yellow (54%)
- Black (30%)



- Cyan (80%)
- Magenta (30%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32B251 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 32B251 by changing the saturation by 10% instead.

 32B251

 32B251


FFFFFF

 009738

 72EB85

 007C1F

 8FFF9F

 006201

 ADFFBB

 004900

 CAFFD7

 003200

 E8FFF4

 001700

 000000

 32B251

 32B251

 20B244

 44B25E

 0EB236

 56B26C

 00B22B

 67B279

 79B287

 8BB294

 9DB2A2

 AFB2AF

 C0B2BD

 D2B2CA

Harmonies

Analogous

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



8AA71B



32B251



00B78E

Triad

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



32B251



00A6FF



FF656E

Complementary

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



32B251



B23293

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.



FF61AA



32B251



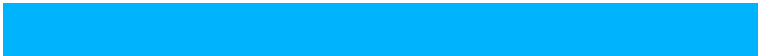
8591FF

Square

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



32B251



00B3FD



DA75E3



EF7C38

Rectangle

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



32B251



00B8B8



DA75E3



FF6081

Sweetspot

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



32B251



B5E8C1



94B232



57755E



F5F5F5



757575

Same Dimension

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



32B251



20E851



32B290



505952



009925



001A06

Inverse Universe

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



B23293



E820B8



B23254



595057



990074



1A0013

Previews

White Background



This preview shows how the Hex color 32B251 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 32B251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

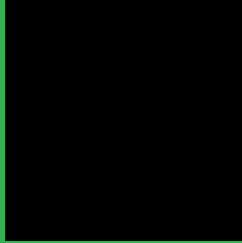
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 32B251 Background



This preview shows how black text looks on a background with the Hex color 32B251.

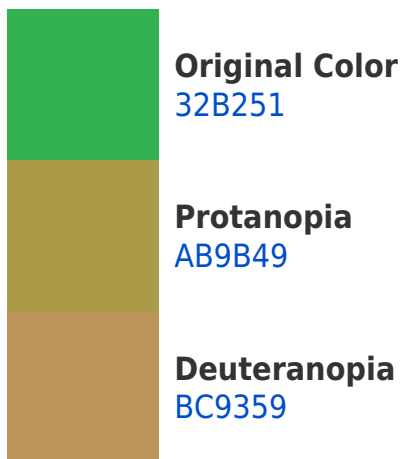


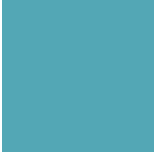
This preview shows how white text looks on a background with the Hex color 32B251.

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
53A7B5

Trichromacy



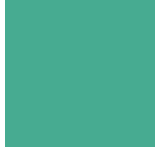
Original Color
32B251



Protanomaly
7FA34C



Deuteranomaly
8A9E56



Tritanomaly
47AB91

Monochromacy



Original Color
32B251



Achromatopsia
818181



Achromatomaly
649370

CSS Examples

Text

The CSS property to change the color of the text to Hex 32B251 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 #32B251 looks like.

```
.text, #text, p{  
    color:#32B251  
}
```

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 #32B251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B251
}
```

Border

The CSS property to change the border of an element to Hex 32B251 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
#32B251 }
```

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

```
.border{ border-color:#32B251 }
```

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

Here you see how a box with a 4 pixel #32B251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B251; -webkit-box-shadow:4px 4px  
4px 4px #32B251; box-shadow:4px 4px 4px  
4px #32B251 }
```

Background

The CSS property to change the background color of an element to Hex 32B251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B251 }
```

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

```
.background{ background-color:#32B251 }
```

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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