

Converting Colors

Hex(32CD40)

Have a look what the booklet for
Hex(32CD40) contains.

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Color

Hex(32CD40)

Conversions

Conversions Part 1

Format	Color
Hex	32CD40
RGB	50, 205, 64
RGB Percent	20%, 80%, 25%
CMY	0.8039, 0.1961, 0.7490
CMYK	0.76, 0.00, 0.69, 0.20
HSL	125°, 61%, 50%
HSV	125°, 76%, 80%
XYZ	24.0721, 44.7109, 12.2118
YIQ	142.5810, -47.1190, -76.7110

Conversions

Conversions Part 2

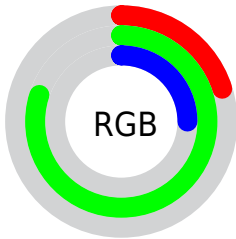
Format	Color
RYB	50, 192, 205
Decimal	3329344
CIELab	72.70, -65.99, 56.48
CIELCh	73, 86.859, 139.437
Yxy	44.7109, 0.2972, 0.5520
Android (android.graphics.Color)	4281519424 (0xFF32CD40)
YUV	142.5810, -38.7404, -81.1935
Hunter-Lab	66.8662, -52.7551, 35.9782

Details

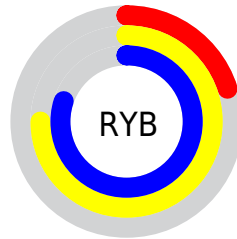
The Hex color **32CD40** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CD32BF**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79FF76**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **1ECD2D**, and if you desaturate by 10%, it is **46CD53**.

Distribution



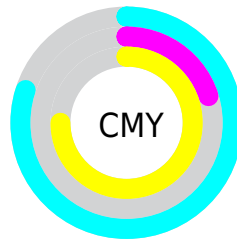
- Red (20%)
- Green (80%)
- Blue (25%)



- Red (20%)
- Yellow (75%)
- Blue (80%)



- Cyan (76%)
- Magenta (0%)
- Yellow (69%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32CD40 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 32CD40 by changing the saturation by 10% instead.

 32CD40

 32CD40

FFFFFF

 00B123

 79FF76

 009500

 98FF92

 007A00

 B6FFAE

 006000

 D5FFCA

 004600

 F4FFE7

 002F00

 001100

 000000

 32CD40

 32CD40

 1ECD2D

 46CD53

 09CD1B

 5BCD65

 00CD13

 70CD78

 84CD8B

 99CD9D

 ADCDB0

 C2CDC3

 D6CDD5

 EBCDE8

Harmonies

Analogous

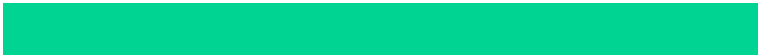
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5BE00



32CD40



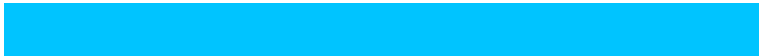
00D493

Triad

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



32CD40



00C4FF



FF5E83

Complementary

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



32CD40



CD32BF

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.



FF5ED2



32CD40



6BAAFF

Square

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



32CD40



00D2FF



F583FF



FF8138

Rectangle

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



32CD40



00D6CA



F583FF



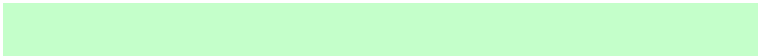
FF589D

Sweetspot

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



32CD40



C4FFCA



C0CD32



5C805F



000000



808080

Same Dimension

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



32CD40



17FF2C



32CD8C



5C665D



00A60F



002603

Inverse Universe

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



CD32BF



FF17EA



CD3273



665C65



A60097



260023

Previews

White Background



This preview shows how the Hex color 32CD40 looks on a white background.

Color Contrast Check

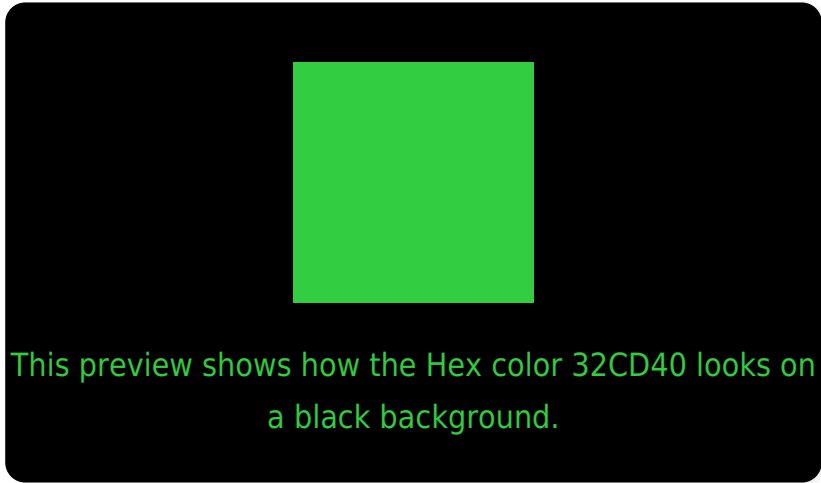
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 32CD40 Background



This preview shows how black text looks on a background with the Hex color 32CD40.

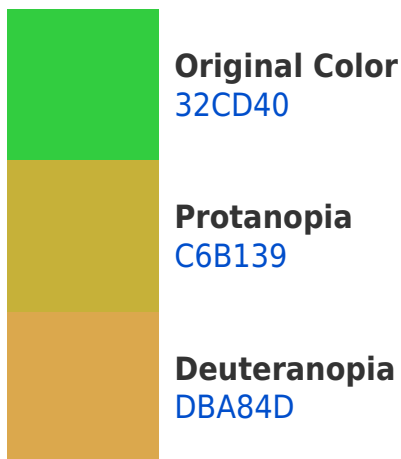


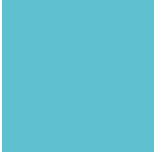
This preview shows how white text looks on a background with the Hex color 32CD40.

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
5FC0CF

Trichromacy



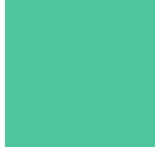
Original Color
32CD40



Protanomaly
90BB3C



Deuteranomaly
9EB548



Tritanomaly
4FC59B

Monochromacy



Original Color
32CD40



Achromatopsia
8F8F8F



Achromatomaly
6DA672

CSS Examples

Text

The CSS property to change the color of the text to Hex 32CD40 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 #32CD40 looks like.

```
.text, #text, p{  
    color:#32CD40  
}
```

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 #32CD40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32CD40
}
```

Border

The CSS property to change the border of an element to Hex 32CD40 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
#32CD40 }
```

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

```
.border{ border-color:#32CD40 }
```

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

Here you see how a box with a 4 pixel #32CD40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32CD40; -webkit-box-shadow:4px 4px  
4px 4px #32CD40; box-shadow:4px 4px 4px  
4px #32CD40 }
```

Background

The CSS property to change the background color of an element to Hex 32CD40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32CD40 }
```

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

```
.background{ background-color:#32CD40 }
```

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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