

Converting Colors

Hex(52AB32)

Have a look what the booklet for
Hex(52AB32) contains.

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Color

Hex(52AB32)

Conversions

Conversions Part 1

Format	Color
Hex	52AB32
RGB	82, 171, 50
RGB Percent	32%, 67%, 20%
CMY	0.6784, 0.3294, 0.8039
CMYK	0.52, 0.00, 0.71, 0.33
HSL	104°, 55%, 43%
HSV	104°, 71%, 67%
XYZ	18.6183, 31.1499, 8.0489
YIQ	130.5950, -14.2030, -56.4990

Conversions

Conversions Part 2

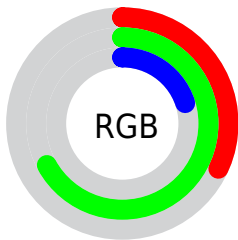
Format	Color
RYB	50, 171, 139
Decimal	5417778
CIELab	62.63, -48.56, 51.64
CIELCh	63, 70.883, 133.238
Yxy	31.1499, 0.3220, 0.5388
Android (android.graphics.Color)	4283607858 (0xFF52AB32)
YUV	130.5950, -39.7333, -42.6178
Hunter-Lab	55.8121, -38.1256, 30.5181

Details

The Hex color **52AB32** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8B32AB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8BE367**, and **0A7600** is the 20% darker color. If you saturate the color by 10%, you get **45AB21**, and if you desaturate by 10%, it is **5FAB43**.

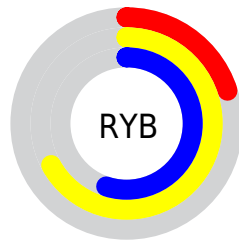
Distribution



Red (32%)

Green (67%)

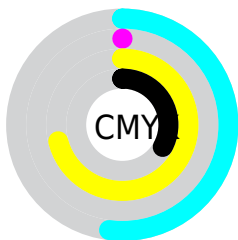
Blue (20%)



Red (20%)

Yellow (67%)

Blue (55%)

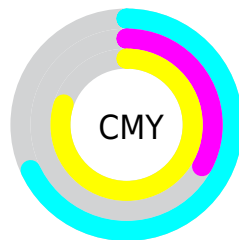


Cyan (52%)

Magenta (0%)

Yellow (71%)

Black (33%)



Cyan (68%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52AB32 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 52AB32 by changing the saturation by 10% instead.

 52AB32

 52AB32

FFFFFF

 349014

 8BE367

 0A7600

 A8FF82

 005C00

 C5FF9D

 004400

 E2FFB9

 002E00

 FFFFD5

 001100

 FFFFF2

 000000

 52AB32

 52AB32

 45AB21

 5FAB43

 39AB10

 6BAB54

 2DAB00

 78AB65

 84AB76

 91AB87

 9DAB99

 AAABAA

 B7ABBB

 C3ABCC

Harmonies

Analogous

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



9B9D00



52AB32



00B271

Triad

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



52AB32



00A8FF



FF567E

Complementary

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



52AB32



8B32AB

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.



F65DBD



52AB32



3B95FF

Square

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



52AB32



00B2ED



BD79F4



F96C43

Rectangle

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



52AB32



00B49D



BD79F4



FF5593

Sweetspot

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



52AB32



BCDEAF



AB8B32



5C7054



F0F0F0



707070

Same Dimension

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



52AB32



53DE21



32AB4E



50574E



289600



061700

Inverse Universe

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



8B32AB



AC21DE



AB328F



544E57



6F0096



110017

Previews

White Background



This preview shows how the Hex color 52AB32 looks on a white background.

Color Contrast Check

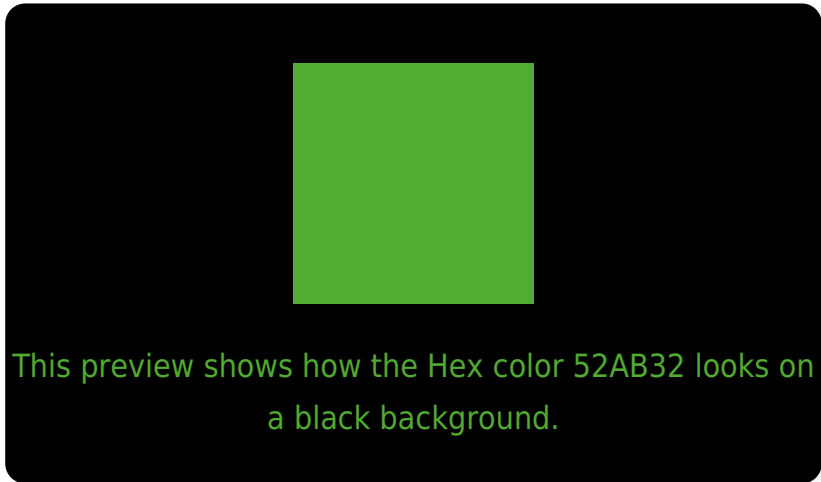
Large Text (above 18pt) WCAG AA × Fail

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

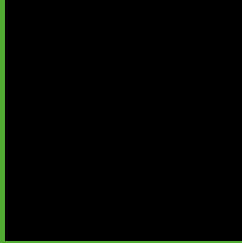
Any Text WCAG AA ✓ Pass

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 52AB32 Background



This preview shows how black text looks on a background with the Hex color 52AB32.



This preview shows how white text looks on a background with the Hex color 52AB32.

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



Original Color
52AB32

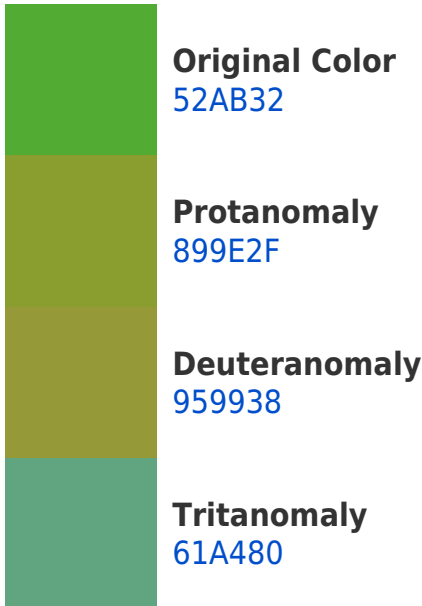
Protanopia
A9972D

Deuteranopia
BB8F3C



Tritanopia
69A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52AB32 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 #52AB32 looks like.

```
.text, #text, p{  
    color:#52AB32  
}
```

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 #52AB32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52AB32
}
```

Border

The CSS property to change the border of an element to Hex 52AB32 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
#52AB32 }
```

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

```
.border{ border-color:#52AB32 }
```

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

Here you see how a box with a 4 pixel #52AB32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52AB32; -webkit-box-shadow:4px 4px  
4px 4px #52AB32; box-shadow:4px 4px 4px  
4px #52AB32 }
```

Background

The CSS property to change the background color of an element to Hex 52AB32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52AB32 }
```

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

```
.background{ background-color:#52AB32 }
```

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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