

Converting Colors

Hex(52B10A)

Have a look what the booklet for
Hex(52B10A) contains.

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Color

Hex(52B10A)

Conversions

Conversions Part 1

Format	Color
Hex	52B10A
RGB	82, 177, 10
RGB Percent	32%, 69%, 4%
CMY	0.6784, 0.3059, 0.9608
CMYK	0.54, 0.00, 0.94, 0.31
HSL	94°, 89%, 37%
HSV	94°, 94%, 69%
XYZ	19.2566, 33.2600, 5.6921
YIQ	129.5570, -3.0130, -72.0770

Conversions

Conversions Part 2

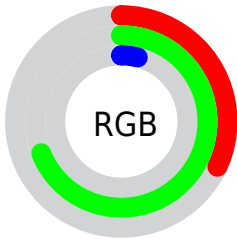
Format	Color
RYB	10, 177, 105
Decimal	5419274
CIELab	64.37, -52.76, 63.79
CIELCh	64, 82.782, 129.596
Yxy	33.2600, 0.3308, 0.5714
Android (android.graphics.Color)	4283609354 (0xFF52B10A)
YUV	129.5570, -58.9416, -41.7075
Hunter-Lab	57.6715, -41.3237, 34.5183

Details

The Hex color **52B10A** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **690AB1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8DE94F**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **4CB100**, and if you desaturate by 10%, it is **5CB11C**.

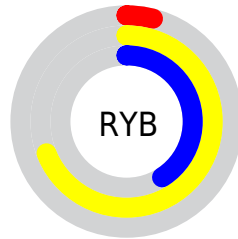
Distribution



Red (32%)

Green (69%)

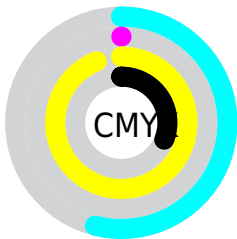
Blue (4%)



Red (4%)

Yellow (69%)

Blue (41%)

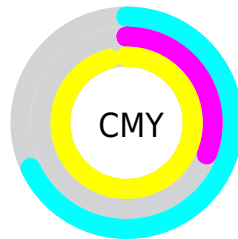


Cyan (54%)

Magenta (0%)

Yellow (94%)

Black (31%)



Cyan (68%)

Magenta (31%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B10A 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 52B10A by changing the saturation by 10% instead.

 52B10A

 52B10A

FFFFFF

 329600

 8DE94F

 007B00

 AAFF6B

 006200

 C8FF87

 004900

 E6FFA3

 003200

 FFFFC0

 001800

 FFFFDD

 000000

 FFFFFA

 52B10A

 52B10A

 4CB100

 5CB11C

 66B12D

 70B13F

 7AB151

 84B162

 8EB174

 98B186

 A3B198

 ADB1A9

Harmonies

Analogous

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



A6A000



52B10A



00BA65

Triad

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



52B10A



00B2FF



FF4488

Complementary

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



52B10A



690AB1

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.



FF54D1



52B10A



009EFF

Square

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



52B10A



00BBF9



BA7CFF



FF6141

Rectangle

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



52B10A



00BC99



BA7CFF



FF43A0

Sweetspot

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



52B10A



C1E6A5



B1690A



5D734C



F2F2F2



737373

Same Dimension

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



52B10A



63E600



0AB115



545950



429900



0B1A00

Inverse Universe

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



690AB1



8300E6



B10AA6



555059



570099



0F001A

Previews

White Background



This preview shows how the Hex color 52B10A looks on a white background.

Color Contrast Check

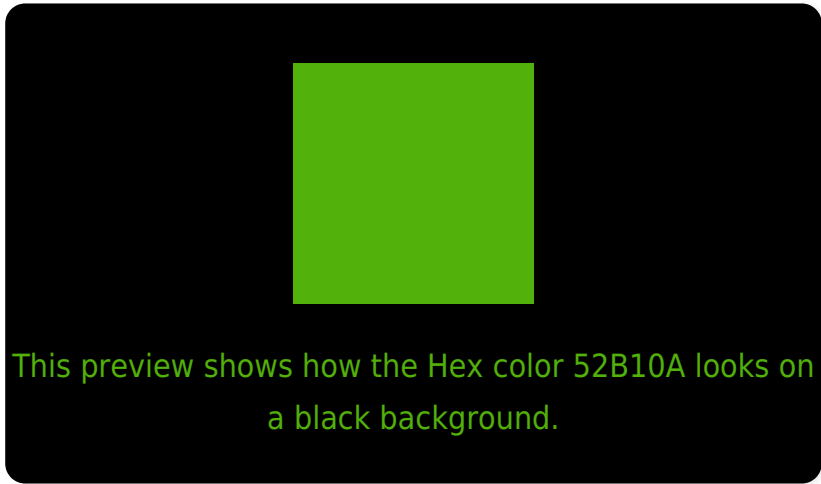
Large Text (above 18pt) WCAG AA × Fail

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 52B10A Background



This preview shows how black text looks on a background with the Hex color 52B10A.

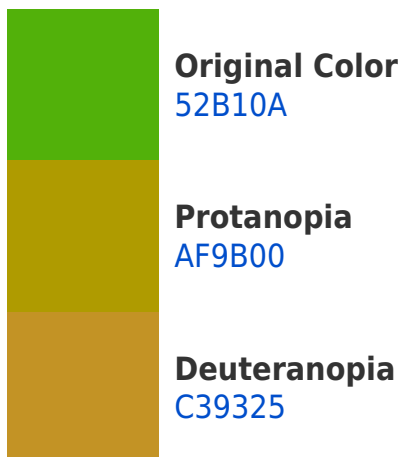


This preview shows how white text looks on a background with the Hex color 52B10A.

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
6BA5B2

Trichromacy



Original Color
52B10A



Protanomaly
8DA304



Deuteranomaly
9A9E1B



Tritanomaly
62A975

Monochromacy



Original Color
52B10A



Achromatopsia
828282



Achromatomaly
719356

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B10A 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 #52B10A looks like.

```
.text, #text, p{  
    color:#52B10A  
}
```

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 #52B10A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B10A
}
```

Border

The CSS property to change the border of an element to Hex 52B10A 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
#52B10A }
```

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

```
.border{ border-color:#52B10A }
```

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

Here you see how a box with a 4 pixel #52B10A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B10A; -webkit-box-shadow:4px 4px  
4px 4px #52B10A; box-shadow:4px 4px 4px  
4px #52B10A }
```

Background

The CSS property to change the background color of an element to Hex 52B10A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B10A }
```

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

```
.background{ background-color:#52B10A }
```

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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