

Converting Colors

Hex(53B22D)

Have a look what the booklet for
Hex(53B22D) contains.

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Color

Hex(53B22D)

Conversions

Conversions Part 1

Format	Color
Hex	53B22D
RGB	83, 178, 45
RGB Percent	33%, 70%, 18%
CMY	0.6745, 0.3020, 0.8235
CMYK	0.53, 0.00, 0.75, 0.30
HSL	103°, 60%, 44%
HSV	103°, 75%, 70%
XYZ	19.9613, 33.8693, 7.9680
YIQ	134.4330, -13.9270, -61.5030

Conversions

Conversions Part 2

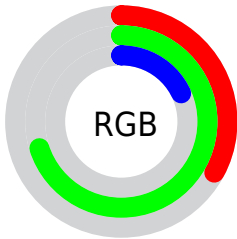
Format	Color
RYB	45, 178, 140
Decimal	5485101
CIELab	64.86, -51.33, 55.76
CIELCh	65, 75.783, 132.630
Yxy	33.8693, 0.3230, 0.5481
Android (android.graphics.Color)	4283675181 (0xFF53B22D)
YUV	134.4330, -44.0905, -45.1067
Hunter-Lab	58.1973, -40.6208, 32.6205

Details

The Hex color **53B22D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8C2DB2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8DEB64**, and **057C00** is the 20% darker color. If you saturate the color by 10%, you get **46B21B**, and if you desaturate by 10%, it is **60B23F**.

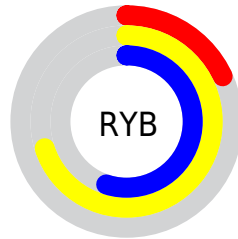
Distribution



Red (33%)

Green (70%)

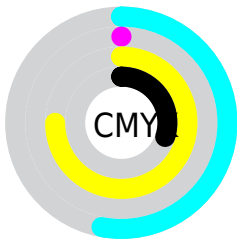
Blue (18%)



Red (18%)

Yellow (70%)

Blue (55%)

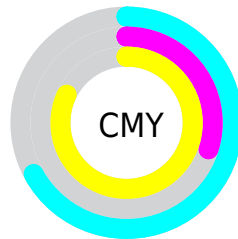


Cyan (53%)

Magenta (0%)

Yellow (75%)

Black (30%)



Cyan (67%)

Magenta (30%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B22D 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 53B22D by changing the saturation by 10% instead.

 53B22D

 53B22D

FFFFFF

 349709

 8DEB64

 057C00

 AAFF7F

 006200

 C7FF9A

 004A00

 E5FFB6

 003200

 FFFFD3

 001A00

 FFFFF0

 000000

 53B22D

 53B22D

 46B21B

 60B23F

 3AB209

 6CB251

 33B200

 79B262

 86B274

 93B286

 9FB298

 ACB2AA

 B9B2BB

 C5B2CD

Harmonies

Analogous

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



A2A300



53B22D



00BA72

Triad

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



53B22D



00B0FF



FF5584

Complementary

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



53B22D



8C2DB2

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.



FF5DC8



53B22D



269CFF

Square

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



53B22D



00BAF8



C47DFE



FF6D44

Rectangle

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



53B22D



00BCA2



C47DFF



FF539A

Sweetspot

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



53B22D



C4E8B5



B28A2D



607557



F5F5F5



757575

Same Dimension

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



53B22D



53E817



2DB248



535950



2C9900



071A00

Inverse Universe

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



8C2DB2



AC17E8



B22D97



575059



6D0099



12001A

Previews

White Background



This preview shows how the Hex color 53B22D looks on a white background.

Color Contrast Check

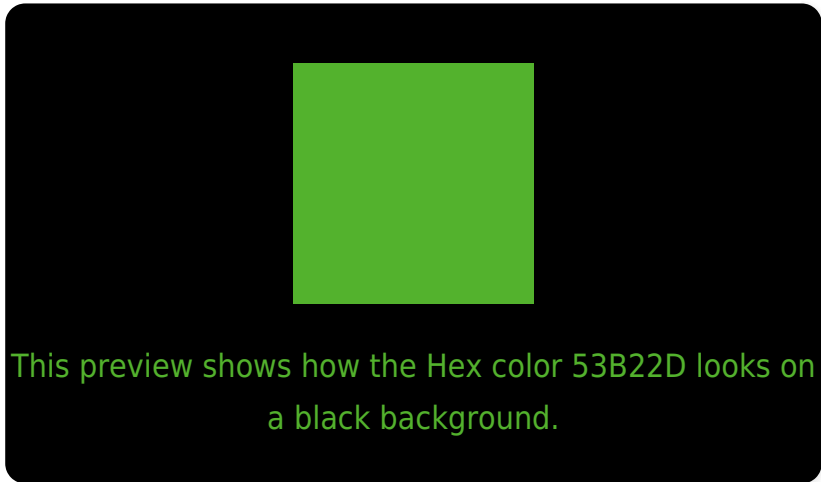
Large Text (above 18pt) WCAG AA × Fail

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 53B22D Background



This preview shows how black text looks on a background with the Hex color 53B22D.

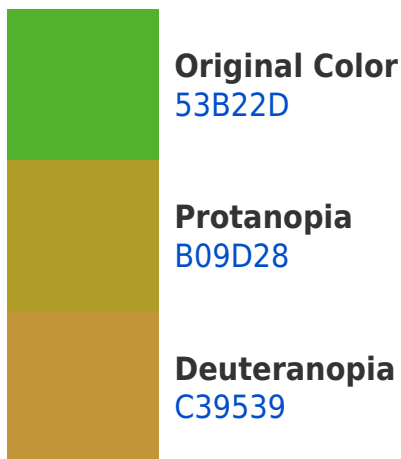


This preview shows how white text looks on a background with the Hex color 53B22D.

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
6BA6B3

Trichromacy



Original Color
53B22D



Protanomaly
8EA52A



Deuteranomaly
9AA035



Tritanomaly
62AA82

Monochromacy



Original Color
53B22D



Achromatopsia
868686



Achromatomaly
739666

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B22D 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 #53B22D looks like.

```
.text, #text, p{  
    color:#53B22D  
}
```

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 #53B22D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B22D
}
```

Border

The CSS property to change the border of an element to Hex 53B22D 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
#53B22D }
```

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

```
.border{ border-color:#53B22D }
```

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

Here you see how a box with a 4 pixel #53B22D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B22D; -webkit-box-shadow:4px 4px  
4px 4px #53B22D; box-shadow:4px 4px 4px  
4px #53B22D }
```

Background

The CSS property to change the background color of an element to Hex 53B22D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B22D }
```

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

```
.background{ background-color:#53B22D }
```

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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