

Converting Colors

Hex(52950A)

Have a look what the booklet for
Hex(52950A) contains.

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Color

Hex(52950A)

Conversions

Conversions Part 1

Format	Color
Hex	52950A
RGB	82, 149, 10
RGB Percent	32%, 58%, 4%
CMY	0.6784, 0.4157, 0.9608
CMYK	0.45, 0.00, 0.93, 0.42
HSL	89°, 87%, 31%
HSV	89°, 93%, 58%
XYZ	14.2819, 23.3106, 4.0338
YIQ	113.1210, 4.6870, -57.4330

Conversions

Conversions Part 2

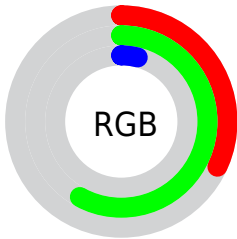
Format	Color
RYB	10, 149, 77
Decimal	5412106
CIELab	55.39, -41.90, 56.41
CIELCh	55, 70.273, 126.602
Yxy	23.3106, 0.3431, 0.5600
Android (android.graphics.Color)	4283602186 (0xFF52950A)
YUV	113.1210, -50.8387, -27.2931
Hunter-Lab	48.2811, -31.6903, 28.8432

Details

The Hex color **52950A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4D0A95**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8ACC4A**, and **156100** is the 20% darker color. If you saturate the color by 10%, you get **4D9500**, and if you desaturate by 10%, it is **599519**.

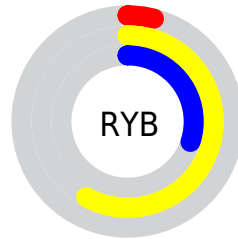
Distribution



Red (32%)

Green (58%)

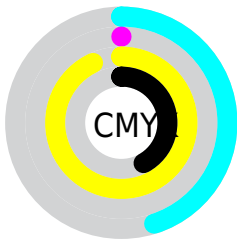
Blue (4%)



Red (4%)

Yellow (58%)

Blue (30%)

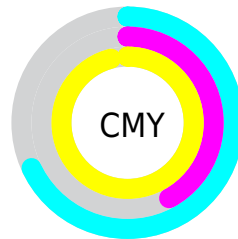


Cyan (45%)

Magenta (0%)

Yellow (93%)

Black (42%)



Cyan (68%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52950A 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 52950A by changing the saturation by 10% instead.

 52950A

 52950A

FFFFFF

 357B00

 8ACC4A

 156100

 A6E864

 004900

 C3FF7F

 003200

 E0FF9B

 001B00

 FDFFB7

 000000

 FFFFD3

 FFFFF0

 52950A

 52950A

■ 4D9500

■ 599519

■ 609528

■ 689537

■ 6F9546

■ 769555

■ 7D9563

■ 849572

■ 8B9581

■ 939590

Harmonies

Analogous

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



948600



52950A



009D51

Triad

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



52950A



0098F5



EF3F7A

Complementary

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



52950A



4D0A95

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.



D74EB6



52950A



0088FF

Square

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



52950A



009FCC



956EE7



E6523F

Rectangle

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



52950A



009F7C



956EE7



EB408E

Sweetspot

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



52950A



A8C28C



954B0A



516140



E0E0E0



616161

Same Dimension

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



52950A



64C200



0F950A



464A43



478A00



050A00

Inverse Universe

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



4D0A95



5D00C2



900A95



46434A



42008A



05000A

Previews

White Background



This preview shows how the Hex color 52950A looks on a white background.

Color Contrast Check

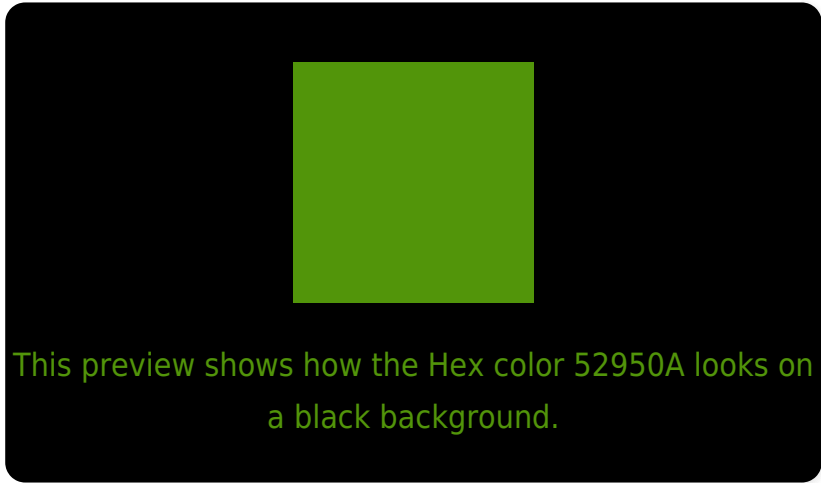
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 52950A Background



This preview shows how black text looks on a background with the Hex color 52950A.



This preview shows how white text looks on a background with the Hex color 52950A.

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
52950A

Protanopia
958400

Deuteranopia
A67D1F



Tritanopia
648B96

Trichromacy



Original Color
52950A

Protanomaly
7D8A04

Deuteranomaly
878617

Tritanomaly
5D8F63

Monochromacy



Original Color
52950A

Achromatopsia
717171

Achromatomaly
667E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 52950A 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 #52950A looks like.

```
.text, #text, p{  
    color:#52950A  
}
```

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 #52950A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52950A
}
```

Border

The CSS property to change the border of an element to Hex 52950A 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
#52950A }
```

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

```
.border{ border-color:#52950A }
```

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

Here you see how a box with a 4 pixel #52950A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52950A; -webkit-box-shadow:4px 4px  
4px 4px #52950A; box-shadow:4px 4px 4px  
4px #52950A }
```

Background

The CSS property to change the background color of an element to Hex 52950A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52950A }
```

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

```
.background{ background-color:#52950A }
```

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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