

# Converting Colors

Hex(542F0A)

Have a look what the booklet for  
Hex(542F0A) contains.

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**Color**

**Hex(542F0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	542F0A
RGB	84, 47, 10
RGB Percent	33%, 18%, 4%
CMY	0.6706, 0.8157, 0.9608
CMYK	0.00, 0.44, 0.88, 0.67
HSL	30°, 79%, 18%
HSV	30°, 88%, 33%
XYZ	4.7275, 3.9398, 0.7984
YIQ	53.8450, 33.9290, -3.6630

# Conversions

## Conversions Part 2

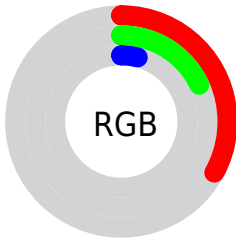
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 84, 10
Decimal	5517066
CIE Lab	23.47, 13.74, 29.05
CIE LCh	23, 32.135, 64.677
Yxy	3.9398, 0.4994, 0.4162
Android (android.graphics.Color)	4283707146 (0xFF542F0A)
YUV	53.8450, -21.6156, 26.4459
Hunter-Lab	19.8488, 7.7784, 11.5092

# Details

The Hex color **542F0A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A2F54**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **895D37**, and **230100** is the 20% darker color. If you saturate the color by 10%, you get **542B02**, and if you desaturate by 10%, it is **543312**.

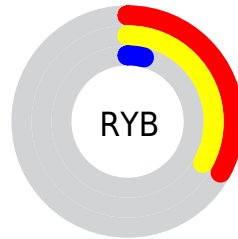
# Distribution



Red (33%)

Green (18%)

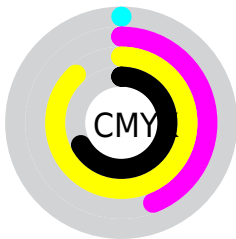
Blue (4%)



Red (33%)

Yellow (33%)

Blue (4%)

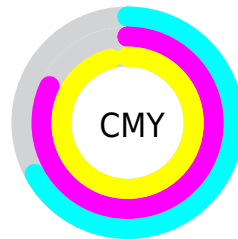


Cyan (0%)

Magenta (44%)

Yellow (88%)

Black (67%)



Cyan (67%)

Magenta (82%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 542F0A 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 542F0A by changing the saturation by 10% instead.



 542F0A

 542F0A

 FFFFED

 3B1A00

 895D37

 230100

 A5764E

 000000

 C19067

 DEAA80

 FCC59A

 FFE1B5

 FFFED1

 542F0A

 542F0A

■ 542B02

■ 543312

■ 542A00

■ 54371B

■ 543C23

■ 54402C

■ 544434

■ 54483C

■ 544C45

■ 54514D

■ 545556

# Harmonies

## Analogous

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



60251E



542F0A



413801

# Triad

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



542F0A



00433B



3D3060

# Complementary

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



542F0A



0A2F54

# 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.



003968



542F0A



004353

# Square

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



542F0A



004222



004063



58254D

# Rectangle

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



542F0A



313C06



004063



303364



# Sweetspot

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



542F0A



6E5F51



540A2F



382F27



B8B8B8



383838



# Same Dimension

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



542F0A



6E3700



54540A



292725



693400



E87400



# Inverse Universe

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



0A2F54



00376E



0A0A54



252729



003469

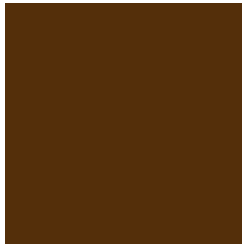


0074E8



# Previews

## White Background



This preview shows how the Hex color 542F0A looks on a white background.

## Color Contrast Check

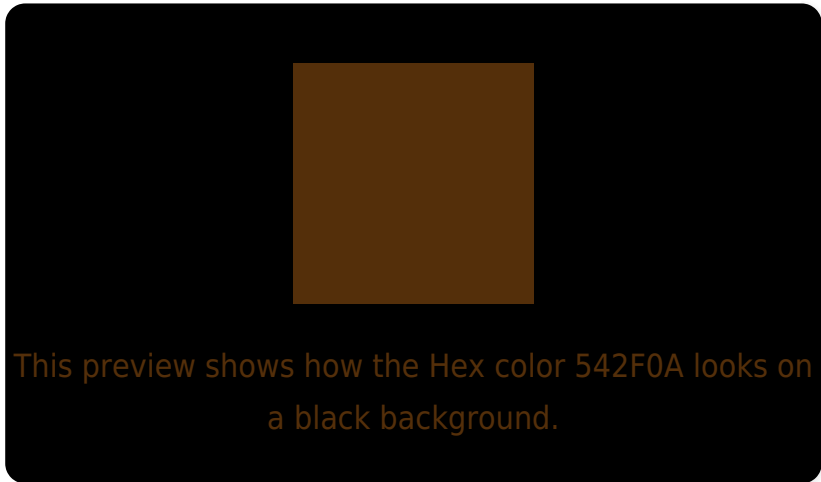
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

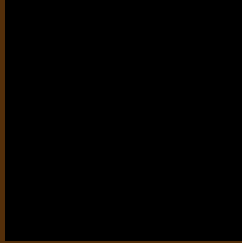
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 542F0A Background



This preview shows how black text looks on a background with the Hex color 542F0A.



This preview shows how white text looks on a background with the Hex color 542F0A.

# 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**  
542F0A

**Protanopia**  
40390D

**Deuteranopia**  
483604



**Tritanopia**  
562C2F

# Trichromacy



**Original Color**  
542F0A

**Protanomaly**  
47350C

**Deuteranomaly**  
4C3306

**Tritanomaly**  
552D22

# Monochromacy



**Original Color**  
542F0A

**Achromatopsia**  
363636

**Achromatomaly**  
413326

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 542F0A 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 #542F0A looks like.

```
.text, #text, p{  
    color:#542F0A  
}
```

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 #542F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542F0A
}
```

## Border

The CSS property to change the border of an element to Hex 542F0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

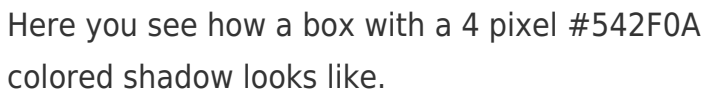
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#542F0A }
```

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

```
.border{ border-color:#542F0A }
```

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



Here you see how a box with a 4 pixel #542F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542F0A; -webkit-box-shadow:4px 4px  
4px 4px #542F0A; box-shadow:4px 4px 4px  
4px #542F0A }
```

# Background

The CSS property to change the background color of an element to Hex 542F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542F0A }
```

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

```
.background{ background-color:#542F0A }
```

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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