

Converting Colors

Hex(545A12)

Have a look what the booklet for
Hex(545A12) contains.

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Color

Hex(545A12)

Conversions

Conversions Part 1

Format	Color
Hex	545A12
RGB	84, 90, 18
RGB Percent	33%, 35%, 7%
CMY	0.6706, 0.6471, 0.9294
CMYK	0.07, 0.00, 0.80, 0.65
HSL	65°, 67%, 21%
HSV	65°, 80%, 35%
XYZ	7.4215, 9.2408, 1.9648
YIQ	79.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

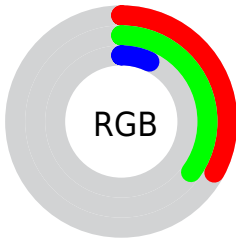
Format	Color
R_{YB}	18, 90, 24
Decimal	5528082
CIE _{Lab}	36.44, -12.34, 37.96
CIE _{LCh}	36, 39.918, 108.011
Yxy	9.2408, 0.3984, 0.4961
Android (android.graphics.Color)	4283718162 (0xFF545A12)
YUV	79.9980, -30.5650, 3.5098
Hunter-Lab	30.3987, -9.6190, 17.4470

Details

The Hex color **545A12** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18125A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **888C43**, and **242D00** is the 20% darker color. If you saturate the color by 10%, you get **535A09**, and if you desaturate by 10%, it is **555A1B**.

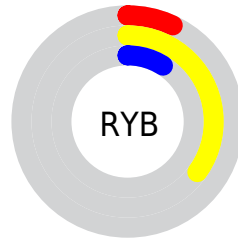
Distribution



Red (33%)

Green (35%)

Blue (7%)



Red (7%)

Yellow (35%)

Blue (9%)

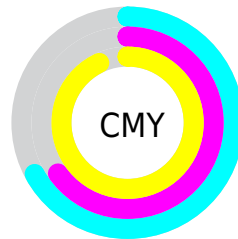


Cyan (7%)

Magenta (0%)

Yellow (80%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545A12 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 545A12 by changing the saturation by 10% instead.

 545A12

 545A12

FFFFFF

 3B4300

 888C43

 242D00

 A3A65C

 041900

 BFC175

 000000

 DBDD8F

 F8FAAA

 FFFFC6

 FFFFEE

 545A12

 545A12

■ 535A09

■ 555A1B

■ 525A00

■ 555A24

■ 565A2D

■ 575A36

■ 585A3F

■ 595A48

■ 595A51

■ 5A5A5A

■ 5B5A63

Harmonies

Analogous

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



715012



545A12



2E6128

Triad

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



545A12



006385



893964

Complementary

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



545A12



18125A

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.



704581



545A12



005D94

Square

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



545A12



006569



3E5393



903944

Rectangle

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



545A12



00633C



3E5393



833C6E

Sweetspot

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



545A12



737559



5A1812



393B2A



BABABA



3B3B3B

Same Dimension

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



545A12



6C7505



305A12



2E2E29



656E00



D9ED00

Inverse Universe

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



18125A



0E0575



3C125A



2A292E



09006E



1400ED

Previews

White Background



This preview shows how the Hex color 545A12 looks on a white background.

Color Contrast Check

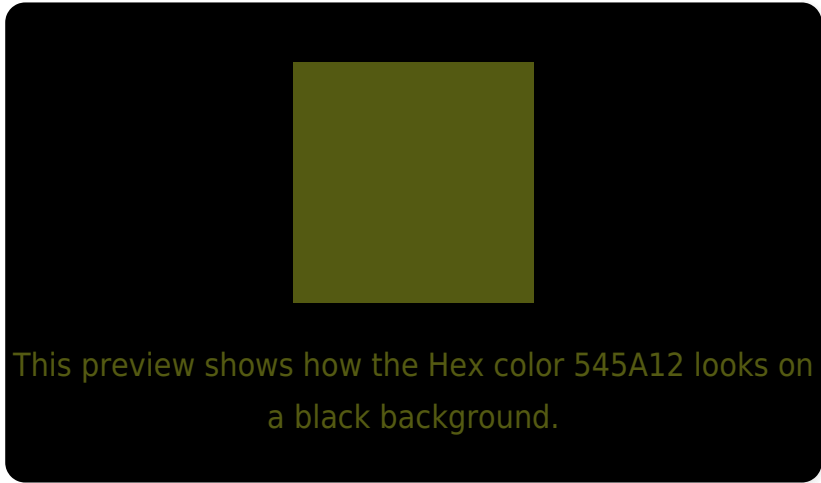
Large Text (above 18pt) WCAG AA ✓ Pass

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

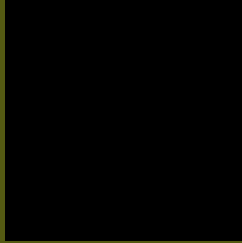
Any Text WCAG AA × Fail

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 545A12 Background



This preview shows how black text looks on a background with the Hex color 545A12.



This preview shows how white text looks on a background with the Hex color 545A12.

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
545A12

Protanopia
615611

Deuteranopia
6C5117



Tritanopia
5A545A

Trichromacy



Original Color
545A12

Protanomaly
5C5711

Deuteranomaly
635415

Tritanomaly
585640

Monochromacy



Original Color
545A12

Achromatopsia
505050

Achromatomaly
515439

CSS Examples

Text

The CSS property to change the color of the text to Hex 545A12 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 #545A12 looks like.

```
.text, #text, p{  
    color:#545A12  
}
```

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 #545A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545A12
}
```

Border

The CSS property to change the border of an element to Hex 545A12 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
#545A12 }
```

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

```
.border{ border-color:#545A12 }
```

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

Here you see how a box with a 4 pixel #545A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545A12; -webkit-box-shadow:4px 4px  
4px 4px #545A12; box-shadow:4px 4px 4px  
4px #545A12 }
```

Background

The CSS property to change the background color of an element to Hex 545A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545A12 }
```

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

```
.background{ background-color:#545A12 }
```

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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