

Converting Colors

Hex(564509)

Have a look what the booklet for
Hex(564509) contains.

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Color

Hex(564509)

Conversions

Conversions Part 1

Format	Color
Hex	564509
RGB	86, 69, 9
RGB Percent	34%, 27%, 4%
CMY	0.6627, 0.7294, 0.9647
CMYK	0.00, 0.20, 0.90, 0.66
HSL	47°, 81%, 19%
HSV	47°, 90%, 34%
XYZ	6.0152, 6.2544, 1.1486
YIQ	67.2430, 29.3920, -15.0560

Conversions

Conversions Part 2

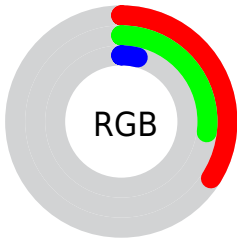
Format	Color
R_{YB}	31, 86, 9
Decimal	5653769
CIE Lab	30.05, 0.78, 35.53
CIE LCh	30, 35.534, 88.739
Yxy	6.2544, 0.4483, 0.4661
Android (android.graphics.Color)	4283843849 (0xFF564509)
YUV	67.2430, -28.7138, 16.4499
Hunter-Lab	25.0088, -0.8321, 14.7830

Details

The Hex color **564509** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **091A56**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8B7539**, and **251A00** is the 20% darker color. If you saturate the color by 10%, you get **564300**, and if you desaturate by 10%, it is **564712**.

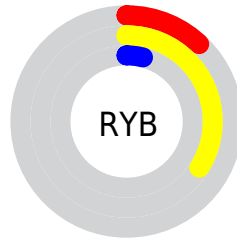
Distribution



 Red (34%)

 Green (27%)

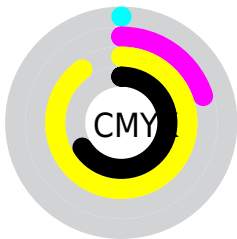
 Blue (4%)



 Red (12%)

 Yellow (34%)

 Blue (4%)

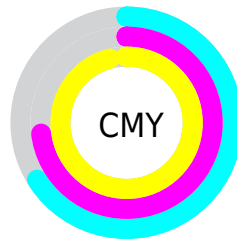


 Cyan (0%)

 Magenta (20%)

 Yellow (90%)

 Black (66%)



 Cyan (66%)

 Magenta (73%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564509 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 564509 by changing the saturation by 10% instead.

 564509

 564509

 FFFFF2

 3E2F00

 8B7539

 251A00

 A68E51

 020000

 C2A96A

 000000

 DFC484

 FCE09F

 FFFCBA

 FFFF66

 564509

 564509

■ 564300

■ 564712

■ 56491A

■ 564B23

■ 564D2B

■ 564E34

■ 56503D

■ 565245

■ 56544E

■ 565656

Harmonies

Analogous

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



6B3A17



564509



3B4D12

Triad

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



564509



005461



673464

Complementary

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



564509



091A56

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.



454077



564509



005176

Square

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



564509



005445



004A7E



772D49

Rectangle

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



564509



235020



004A7E



5E386B

Sweetspot

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



564509



706A52



56091B



383426



B8B8B8



383838

Same Dimension

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



564509



705700



415609



2B2A27



6B5300



EBB700

Inverse Universe

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



091A56



001970



1E0956



27282B



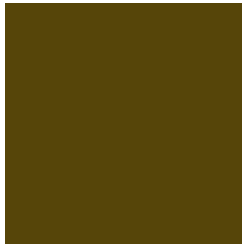
00186B



0034EB

Previews

White Background



This preview shows how the Hex color 564509 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

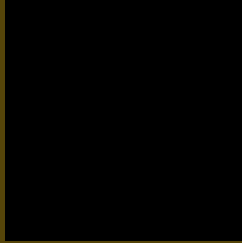
Any Text WCAG AA × Fail

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 564509 Background



This preview shows how black text looks on a background with the Hex color 564509.



This preview shows how white text looks on a background with the Hex color 564509.

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
564509

Protanopia
50470A

Deuteranopia
5A430A



Tritanopia
5A4045

Trichromacy



Original Color
564509

Protanomaly
52460A

Deuteranomaly
59440A

Tritanomaly
59422F

Monochromacy



Original Color
564509

Achromatopsia
434343

Achromatomaly
4A442E

CSS Examples

Text

The CSS property to change the color of the text to Hex 564509 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 #564509 looks like.

```
.text, #text, p{  
    color:#564509  
}
```

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 #564509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564509
}
```

Border

The CSS property to change the border of an element to Hex 564509 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
#564509 }
```

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

```
.border{ border-color:#564509 }
```

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

Here you see how a box with a 4 pixel #564509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564509; -webkit-box-shadow:4px 4px  
4px 4px #564509; box-shadow:4px 4px 4px  
4px #564509 }
```

Background

The CSS property to change the background color of an element to Hex 564509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564509 }
```

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

```
.background{ background-color:#564509 }
```

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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