

Converting Colors

Hex(564A15)

Have a look what the booklet for
Hex(564A15) contains.

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Color

Hex(564A15)

Conversions

Conversions Part 1

Format	Color
Hex	564A15
RGB	86, 74, 21
RGB Percent	34%, 29%, 8%
CMY	0.6627, 0.7098, 0.9176
CMYK	0.00, 0.14, 0.76, 0.66
HSL	49°, 61%, 21%
HSV	49°, 76%, 34%
XYZ	6.4219, 6.9301, 1.7086
YIQ	71.5460, 24.1650, -13.9390

Conversions

Conversions Part 2

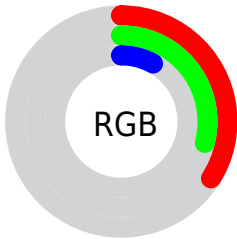
Format	Color
RYB	36, 86, 21
Decimal	5655061
CIELab	31.65, -1.73, 32.08
CIELCh	32, 32.125, 93.086
Yxy	6.9301, 0.4264, 0.4601
Android (android.graphics.Color)	4283845141 (0xFF564A15)
YUV	71.5460, -24.9192, 12.6762
Hunter-Lab	26.3252, -2.5248, 14.5794

Details

The Hex color **564A15** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **152156**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8A7A43**, and **261F00** is the 20% darker color. If you saturate the color by 10%, you get **56480C**, and if you desaturate by 10%, it is **564C1E**.

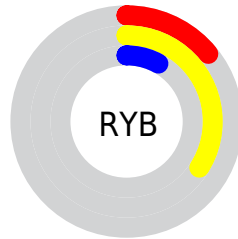
Distribution



Red (34%)

Green (29%)

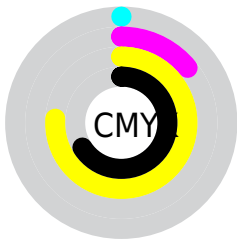
Blue (8%)



Red (14%)

Yellow (34%)

Blue (8%)

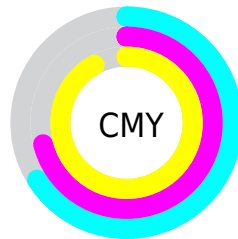


Cyan (0%)

Magenta (14%)

Yellow (76%)

Black (66%)



Cyan (66%)

Magenta (71%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564A15 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 564A15 by changing the saturation by 10% instead.

 564A15

 564A15

FFFFFFE

 3E3400

 8A7A43

 261F00

 A5945C

 050700

 C1AF75

 000000

 DDCA8F

 FAE6A9

 FFFFC5

 FFFFE1

 564A15

 564A15

■ 56480C

■ 564C1E

■ 564704

■ 564D26

■ 564600

■ 564F2F

■ 565037

■ 565240

■ 565449

■ 565551

■ 56575A

■ 565862

Harmonies

Analogous

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



6A411D



564A15



3C511E

Triad

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



564A15



005665



6B3962

Complementary

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



564A15



152156

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.



4F4375



564A15



005377

Square

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



564A15



00574C



1B4C7D



783449

Rectangle

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



564A15



26542B



1B4C7D



643C69

Sweetspot

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



564A15



706B56



561522



383528



B8B8B8



383838

Same Dimension

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



564A15



705D0A



435615



2B2B27



6B5700



EBBF00

Inverse Universe

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



152156



0A1D70



281556



27282B



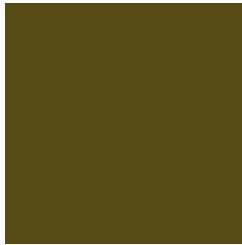
00146B



002BEB

Previews

White Background



This preview shows how the Hex color 564A15 looks on a white background.

Color Contrast Check

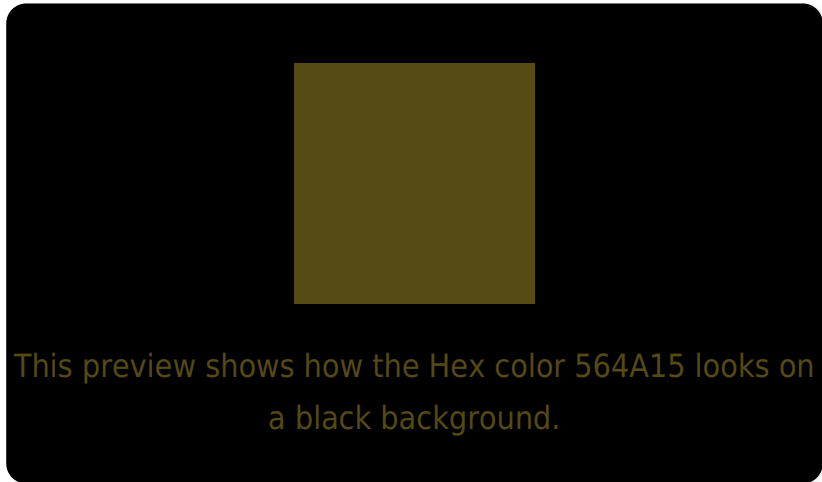
Large Text (above 18pt) WCAG AA ✓ Pass

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

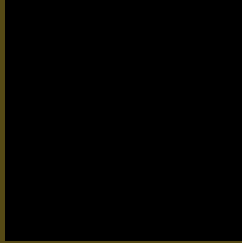
Any Text WCAG AA × Fail

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 564A15 Background



This preview shows how black text looks on a background with the Hex color 564A15.



This preview shows how white text looks on a background with the Hex color 564A15.

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
564A15

Protanopia
544B15

Deuteranopia
5E4716



Tritanopia
5A454A

Trichromacy



Original Color
564A15

Protanomaly
554B15

Deuteranomaly
5B4816

Tritanomaly
594737

Monochromacy



Original Color
564A15

Achromatopsia
484848

Achromatomaly
4D4935

CSS Examples

Text

The CSS property to change the color of the text to Hex 564A15 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 #564A15 looks like.

```
.text, #text, p{  
    color:#564A15  
}
```

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 #564A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564A15
}
```

Border

The CSS property to change the border of an element to Hex 564A15 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
#564A15 }
```

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

```
.border{ border-color:#564A15 }
```

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

Here you see how a box with a 4 pixel #564A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564A15; -webkit-box-shadow:4px 4px  
4px 4px #564A15; box-shadow:4px 4px 4px  
4px #564A15 }
```

Background

The CSS property to change the background color of an element to Hex 564A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564A15 }
```

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

```
.background{ background-color:#564A15 }
```

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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