

Converting Colors

Hex(564427)

Have a look what the booklet for
Hex(564427) contains.

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Color

Hex(564427)

Conversions

Conversions Part 1

Format	Color
Hex	564427
RGB	86, 68, 39
RGB Percent	34%, 27%, 15%
CMY	0.6627, 0.7333, 0.8471
CMYK	0.00, 0.21, 0.55, 0.66
HSL	37°, 38%, 25%
HSV	37°, 55%, 34%
XYZ	6.2711, 6.2592, 2.7971
YIQ	70.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

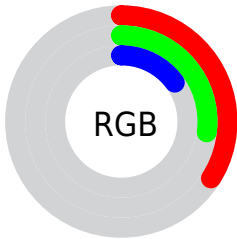
Format	Color
R_{YB}	68, 86, 39
Decimal	5653543
CIE Lab	30.06, 3.52, 20.40
CIE LCh	30, 20.697, 80.213
Yxy	6.2592, 0.4091, 0.4084
Android (android.graphics.Color)	4283843623 (0xFF564427)
YUV	70.0760, -15.3205, 13.9653
Hunter-Lab	25.0183, 0.9607, 10.8841

Details

The Hex color **564427** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **273956**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **897455**, and **281900** is the 20% darker color. If you saturate the color by 10%, you get **56411E**, and if you desaturate by 10%, it is **564730**.

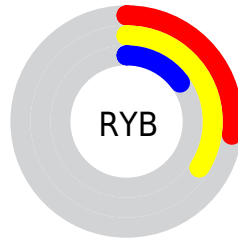
Distribution



Red (34%)

Green (27%)

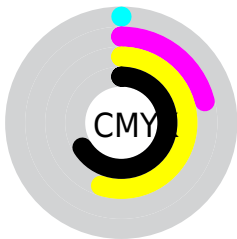
Blue (15%)



Red (27%)

Yellow (34%)

Blue (15%)

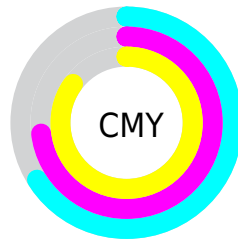


Cyan (0%)

Magenta (21%)

Yellow (55%)

Black (66%)



Cyan (66%)

Magenta (73%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564427 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 564427 by changing the saturation by 10% instead.

■ 564427

■ 564427

FFFFFF

■ 3E2E12

■ 897455

■ 281900

■ A48D6D

■ 090000

■ BFA887

■ 000000

■ DCC3A1

■ F8DFBC

■ FFFCD8

■ FFFFF4

■ 564427

■ 564427

■ 56411E

■ 564730

■ 563D16

■ 564B38

■ 563A0D

■ 564E41

■ 563705

■ 565149

■ 563500

■ 565452

■ 56585B

■ 565B63

■ 565E6C

■ 566274

Harmonies

Analogous

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



613E2F



564427



464928

Triad

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



564427



044F51



563F5C

Complementary

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



564427



273956

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.



414565



564427



064E5F

Square

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



564427



1F4F41



264A66



633B4D

Rectangle

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



564427



3A4C2E



264A66



50415F

Sweetspot

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



564427



70695E



562739



38342D



B8B8B8



383838

Same Dimension

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



564427



705426



515627



2B2A27



6B4200



EB9100

Inverse Universe

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



273956



264370



2C2756



27292B



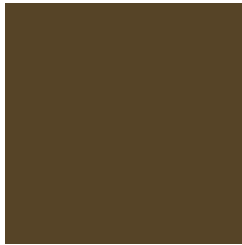
00296B



005AEB

Previews

White Background



This preview shows how the Hex color 564427 looks on a white background.

Color Contrast Check

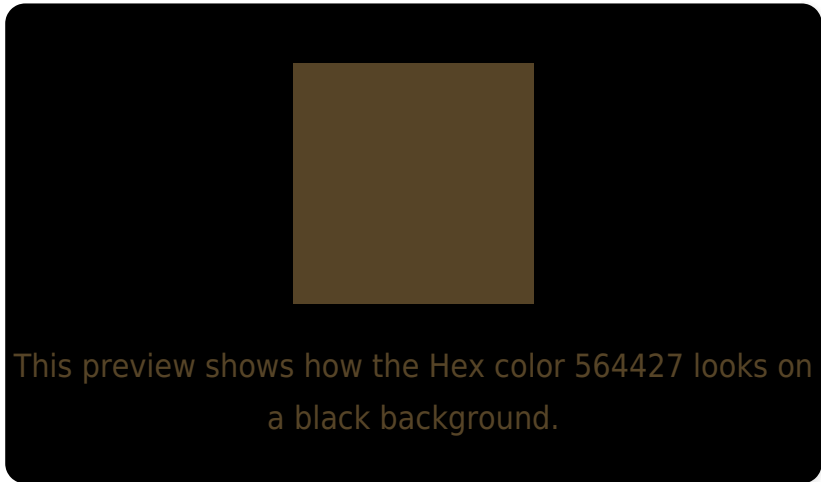
Large Text (above 18pt) WCAG AA ✓ Pass

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

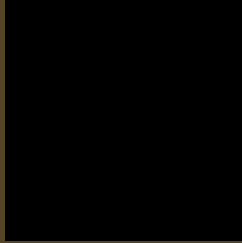
Any Text WCAG AA × Fail

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 564427 Background



This preview shows how black text looks on a background with the Hex color 564427.

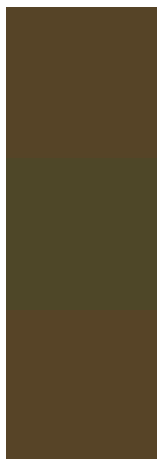


This preview shows how white text looks on a background with the Hex color 564427.

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

564427

Protanopia

4E4728

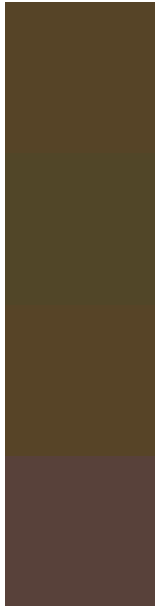
Deuteranopia

574427



Tritanopia
594045

Trichromacy



Original Color

564427

Protanomaly

514628

Deuteranomaly

574427

Tritanomaly

58413A

Monochromacy



Original Color

564427

Achromatopsia

464646

Achromatomaly

4C453B

CSS Examples

Text

The CSS property to change the color of the text to Hex 564427 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 #564427 looks like.

```
.text, #text, p{  
    color:#564427  
}
```

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 #564427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564427
}
```

Border

The CSS property to change the border of an element to Hex 564427 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".

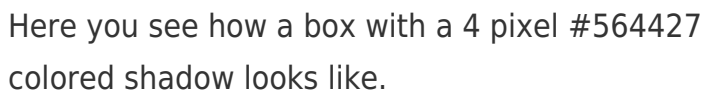
```
.border, #border, table{ border:4px solid
#564427 }
```

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

```
.border{ border-color:#564427 }
```

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

Here you see how a box with a 4 pixel #564427 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564427; -webkit-box-shadow:4px 4px  
4px 4px #564427; box-shadow:4px 4px 4px  
4px #564427 }
```

Background

The CSS property to change the background color of an element to Hex 564427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564427 }
```

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

```
.background{ background-color:#564427 }
```

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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