

Converting Colors

Hex(427A24)

Have a look what the booklet for
Hex(427A24) contains.

Hex(427A24)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(427A24)

Conversions

Conversions Part 1

Format	Color
Hex	427A24
RGB	66, 122, 36
RGB Percent	26%, 48%, 14%
CMY	0.7412, 0.5216, 0.8588
CMYK	0.46, 0.00, 0.70, 0.52
HSL	99°, 54%, 31%
HSV	99°, 70%, 48%
XYZ	9.5247, 15.2047, 4.1019
YIQ	95.4520, -5.7700, -38.6180

Conversions

Conversions Part 2

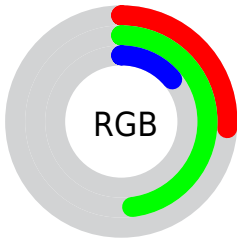
Format	Color
R_{YB}	36, 122, 92
Decimal	4356644
CIE _{Lab}	45.91, -34.63, 39.70
CIE _{LCh}	46, 52.679, 131.093
Yxy	15.2047, 0.3304, 0.5274
Android (android.graphics.Color)	4282546724 (0xFF427A24)
YUV	95.4520, -29.3098, -25.8294
Hunter-Lab	38.9932, -24.6365, 21.0583

Details

The Hex color **427A24** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5C247A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **77AF56**, and **084800** is the 20% darker color. If you saturate the color by 10%, you get **3A7A18**, and if you desaturate by 10%, it is **4A7A30**.

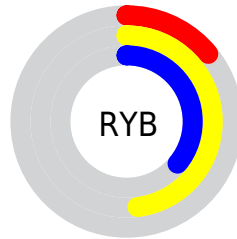
Distribution



Red (26%)

Green (48%)

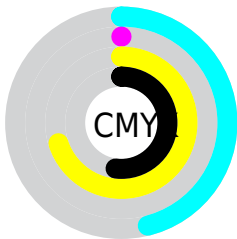
Blue (14%)



Red (14%)

Yellow (48%)

Blue (36%)

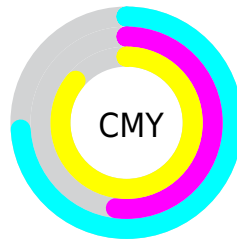


Cyan (46%)

Magenta (0%)

Yellow (70%)

Black (52%)



Cyan (74%)

Magenta (52%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427A24 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 427A24 by changing the saturation by 10% instead.



427A24



427A24

FFFFFF



276108



77AF56



084800



92CB6F



003100



ADE789



001D00



CAFFA4



000000



E6FFC0



FFFFDC



FFFFF9



427A24



427A24

■ 3A7A18

■ 4A7A30

■ 327A0C

■ 527A3C

■ 2B7A00

■ 5A7A49

■ 627A55

■ 6A7A61

■ 727A6D

■ 7A7A79

■ 827A86

■ 897A92

Harmonies

Analogous

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



737001



427A24



007F4E

Triad

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



427A24



0079C0



BC415E

Complementary

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



427A24



5C247A

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.



AD468A



427A24



276CC4

Square

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



427A24



0080A6



8359B0



B34D35

Rectangle

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



427A24



00816D



8359B0



BA406D

Sweetspot

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



427A24



889E7D



7A5C24



424F3B



CFCFCF



4F4F4F

Same Dimension

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



427A24



479E18



247A31



393D37



2C7D00



58FC00

Inverse Universe

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



5C247A



6F189E



7A246D



3B373D



51007D



A400FC

Previews

White Background



This preview shows how the Hex color 427A24 looks on a white background.

Color Contrast Check

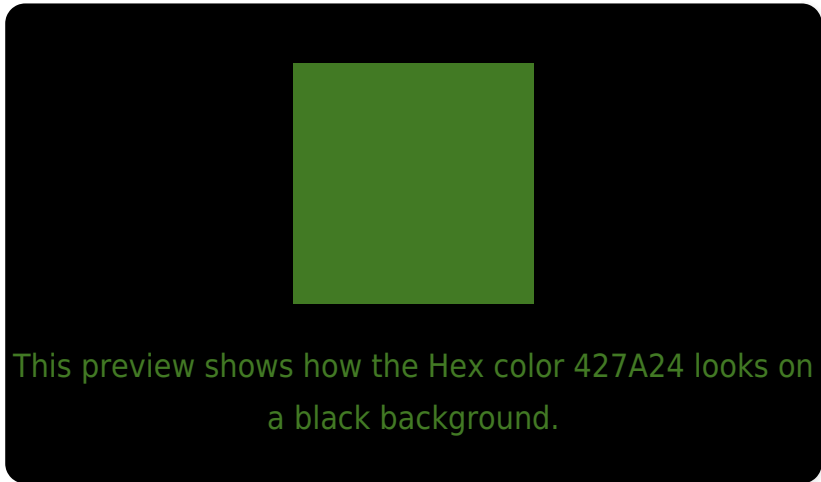
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

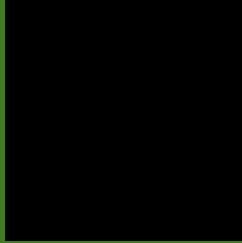
Any Text WCAG AA × Fail

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 427A24 Background



This preview shows how black text looks on a background with the Hex color 427A24.



This preview shows how white text looks on a background with the Hex color 427A24.

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
427A24

Protanopia
796C20

Deuteranopia
87672B



Tritanopia
50727B

Trichromacy



Original Color
427A24

Protanomaly
657121

Deuteranomaly
6E6E28

Tritanomaly
4B755B

Monochromacy



Original Color
427A24

Achromatopsia
5F5F5F

Achromatomaly
54694A

CSS Examples

Text

The CSS property to change the color of the text to Hex 427A24 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 #427A24 looks like.

```
.text, #text, p{  
    color:#427A24  
}
```

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 #427A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427A24
}
```

Border

The CSS property to change the border of an element to Hex 427A24 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
#427A24 }
```

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

```
.border{ border-color:#427A24 }
```

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

Here you see how a box with a 4 pixel #427A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427A24; -webkit-box-shadow:4px 4px  
4px 4px #427A24; box-shadow:4px 4px 4px  
4px #427A24 }
```

Background

The CSS property to change the background color of an element to Hex 427A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427A24 }
```

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

```
.background{ background-color:#427A24 }
```

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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