

Converting Colors

Hex(497F21)

Have a look what the booklet for
Hex(497F21) contains.

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Color

Hex(497F21)

Conversions

Conversions Part 1

Format	Color
Hex	497F21
RGB	73, 127, 33
RGB Percent	29%, 50%, 13%
CMY	0.7137, 0.5020, 0.8706
CMYK	0.43, 0.00, 0.74, 0.50
HSL	94°, 59%, 31%
HSV	94°, 74%, 50%
XYZ	10.6115, 16.7050, 4.1039
YIQ	100.1380, -2.0100, -40.6820

Conversions

Conversions Part 2

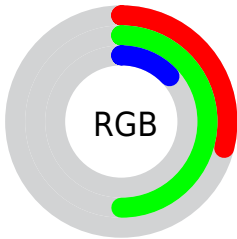
Format	Color
R_{YB}	33, 127, 87
Decimal	4816673
CIE _{Lab}	47.89, -34.61, 43.09
CIE _{LCh}	48, 55.271, 128.772
Yxy	16.7050, 0.3377, 0.5317
Android (android.graphics.Color)	4283006753 (0xFF497F21)
YUV	100.1380, -33.0990, -23.8000
Hunter-Lab	40.8718, -25.1816, 22.6569

Details

The Hex color **497F21** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **57217F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7EB454**, and **124D00** is the 20% darker color. If you saturate the color by 10%, you get **427F14**, and if you desaturate by 10%, it is **507F2E**.

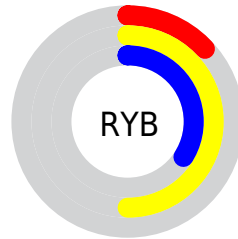
Distribution



Red (29%)

Green (50%)

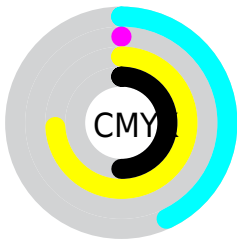
Blue (13%)



Red (13%)

Yellow (50%)

Blue (34%)

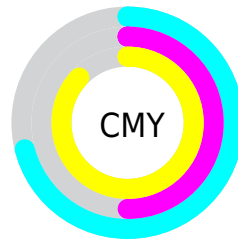


Cyan (43%)

Magenta (0%)

Yellow (74%)

Black (50%)



Cyan (71%)

Magenta (50%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497F21 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 497F21 by changing the saturation by 10% instead.



497F21



497F21

FFFFFF



2E6602



7EB454



124D00



99D06D



003600



B5EC88



002200



D2FFA3



000000



FFFFBE



FFFADB



FFFFF8



497F21



497F21

■ 427F14

■ 507F2E

■ 3A7F08

■ 587F3A

■ 367F00

■ 5F7F47

■ 667F54

■ 6D7F61

■ 757F6D

■ 7C7F7A

■ 837F87

■ 8B7F93

Harmonies

Analogous

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



7C7400



497F21



00854E

Triad

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



497F21



0080C9



C54266

Complementary

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



497F21



57217F

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.



B44A94



497F21



0973CE

Square

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



497F21



0086AB



855FBB



BD4F39

Rectangle

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



497F21



00876E



855FBB



C24276

Sweetspot

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



497F21



91A681



7F5621



48543E



D4D4D4



545454

Same Dimension

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



497F21



51A612



217F27



3C4039



368000



000000

Inverse Universe

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



57217F



6712A6



7F2179



3D3940



490080



000000

Previews

White Background



This preview shows how the Hex color 497F21 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 497F21 Background



This preview shows how black text looks on a background with the Hex color 497F21.



This preview shows how white text looks on a background with the Hex color 497F21.

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
497F21

Protanopia
7F711E

Deuteranopia
8D6B29



Tritanopia
577680

Trichromacy



Original Color
497F21

Protanomaly
6B761F

Deuteranomaly
747226

Tritanomaly
52795D

Monochromacy



Original Color
497F21

Achromatopsia
646464

Achromatomaly
5A6E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 497F21 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 #497F21 looks like.

```
.text, #text, p{  
    color:#497F21  
}
```

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 #497F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497F21
}
```

Border

The CSS property to change the border of an element to Hex 497F21 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
#497F21 }
```

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

```
.border{ border-color:#497F21 }
```

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

Here you see how a box with a 4 pixel #497F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497F21; -webkit-box-shadow:4px 4px  
4px 4px #497F21; box-shadow:4px 4px 4px  
4px #497F21 }
```

Background

The CSS property to change the background color of an element to Hex 497F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497F21 }
```

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

```
.background{ background-color:#497F21 }
```

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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