

Converting Colors

Hex(1F497A)

Have a look what the booklet for
Hex(1F497A) contains.

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Color

Hex(1F497A)

Conversions

Conversions Part 1

Format	Color
Hex	1F497A
RGB	31, 73, 122
RGB Percent	12%, 29%, 48%
CMY	0.8784, 0.7137, 0.5216
CMYK	0.75, 0.40, 0.00, 0.52
HSL	212°, 59%, 30%
HSV	212°, 75%, 48%
XYZ	6.4605, 6.4615, 19.3191
YIQ	66.0280, -40.7610, 6.3350

Conversions

Conversions Part 2

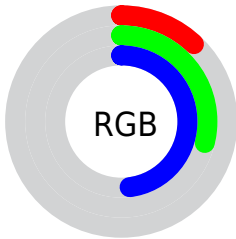
Format	Color
R_{YB}	31, 60, 122
Decimal	2050426
CIE _{Lab}	30.55, 3.42, -32.13
CIE _{LCh}	31, 32.310, 276.067
Yxy	6.4615, 0.2004, 0.2004
Android (android.graphics.Color)	4280240506 (0xFF1F497A)
YUV	66.0280, 27.5942, -30.7196
Hunter-Lab	25.4195, 0.8822, -27.2672




Details

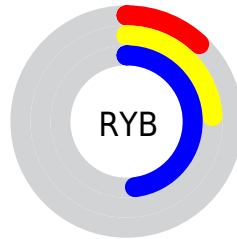
The Hex color **1F497A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A501F**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **5879AF**, and **001E49** is the 20% darker color. If you saturate the color by 10%, you get **13427A**, and if you desaturate by 10%, it is **2B507A**.

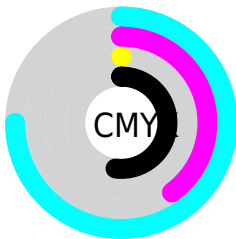
Distribution







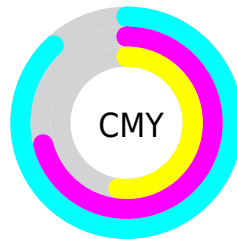
-  Red (12%)
-  Green (29%)
-  Blue (48%)






-  Red (12%)
-  Yellow (24%)
-  Blue (48%)



-  Cyan (75%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (88%)
-  Magenta (71%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F497A 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 1F497A by changing the saturation by 10% instead.

■ 1F497A

■ 1F497A

FFFFFF

■ 003361

■ 5879AF

■ 001E49

■ 7393CA

■ 000332

■ 8EAD E7

■ 00021C

■ AAC9FF

■ 000000

■ C6E5FF

■ E3FFFF

■ 1F497A

■ 1F497A

■ 13427A

■ 2B507A

■ 073C7A

■ 37567A

■ 00387A

■ 445D7A

■ 50637A

■ 5C6A7A

■ 68707A

■ 74777A

■ 817E7A

■ 8D847A

Harmonies

Analogous

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



005076



1F497A



503F71

Triad

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



1F497A



73362C



0C5333

Complementary

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



1F497A



7A501F

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.



364F1D



1F497A



663F19

Square

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



1F497A



763144



514812



00544C

Rectangle

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



1F497A



643864



514812



1F522B

Sweetspot

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



1F497A



7B8B9E



1F7A50



3A444F



CFCFCF



4F4F4F

Same Dimension

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



1F497A



10519E



221F7A



373A3D



003A7D



0075FC

Inverse Universe

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



7A1F49



9E1051



777A1F



3D373A



7D003A



FC0075

Previews

White Background



This preview shows how the Hex color 1F497A looks on a white background.

Color Contrast Check

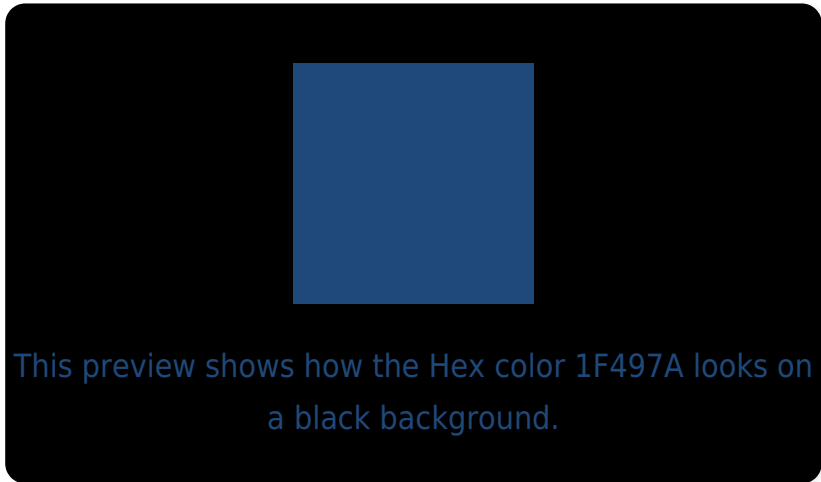
Large Text (above 18pt) WCAG AA ✓ Pass

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

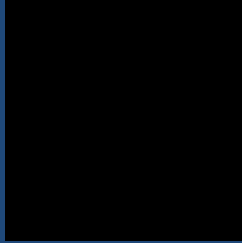
Any Text WCAG AA × Fail

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 1F497A Background



This preview shows how black text looks on a background with the Hex color 1F497A.



This preview shows how white text looks on a background with the Hex color 1F497A.

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
1F497A

Protanopia
344677

Deuteranopia
23487A

Trichromacy



Original Color
1F497A

Protanomaly
2C4778

Deuteranomaly
22487A

Tritanomaly
0B4D63

Monochromacy



Original Color
1F497A

Achromatopsia
424242

Achromatomaly
354556

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F497A 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 #1F497A looks like.

```
.text, #text, p{  
    color:#1F497A  
}
```

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 #1F497A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F497A
}
```

Border

The CSS property to change the border of an element to Hex 1F497A 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
#1F497A }
```

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

```
.border{ border-color:#1F497A }
```

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

Here you see how a box with a 4 pixel #1F497A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F497A; -webkit-box-shadow:4px 4px  
4px 4px #1F497A; box-shadow:4px 4px 4px  
4px #1F497A }
```

Background

The CSS property to change the background color of an element to Hex 1F497A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F497A }
```

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

```
.background{ background-color:#1F497A }
```

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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