

Converting Colors

Hex(497BE6)

Have a look what the booklet for
Hex(497BE6) contains.

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Color

Hex(497BE6)

Conversions

Conversions Part 1	
Format	Color
Hex	497BE6
RGB	73, 123, 230
RGB Percent	29%, 48%, 90%
CMY	0.7137, 0.5176, 0.0980
CMYK	0.68, 0.47, 0.00, 0.10
HSL	221°, 76%, 59%
HSV	221°, 68%, 90%
XYZ	24.1135, 21.2956, 77.7024
YIQ	120.2480, -64.1470, 22.6770

Conversions

Conversions Part 2

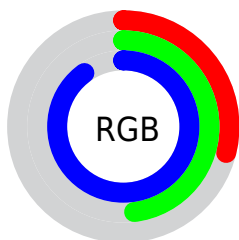
Format	Color
RYB	73, 111, 230
Decimal	4815846
CIELab	53.27, 17.94, -59.29
CIELCh	53, 61.948, 286.837
Yxy	21.2956, 0.1959, 0.1730
Android (android.graphics.Color)	4283005926 (0xFF497BE6)
YUV	120.2480, 54.1077, -41.4365
Hunter-Lab	46.1471, 12.5153, -67.5295

Details

The Hex color **497BE6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E6B449**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **89AFFF**, and **004BAE** is the 20% darker color. If you saturate the color by 10%, you get **326BE6**, and if you desaturate by 10%, it is **608BE6**.

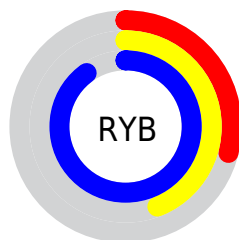
Distribution



Red (29%)

Green (48%)

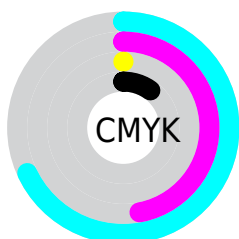
Blue (90%)



Red (29%)

Yellow (44%)

Blue (90%)

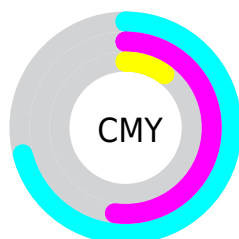


Cyan (68%)

Magenta (47%)

Yellow (0%)

Black (10%)



Cyan (71%)

Magenta (52%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497BE6 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 497BE6 by changing the saturation by 10% instead.

 497BE6

FFFFFF

 89AFFF

 A8CAFF

 C6E6FF

 E4FFFF

 497BE6

 1E62C9

 004BAE

 003592

 002178

 000C5F

 000846

 00042F

 000119

 000000

 497BE6

 497BE6

 326BE6

 608BE6

 1B5CE6

 779AE6

 044CE6

 8EAAE6

 0049E6

 A5BAE6

 BCC9E6

 D3D9E6

 EAE9E6

 FFF8E6

 FFFFE6

Harmonies

Analogous

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



008CE7



497BE6



A763C9

Triad

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



497BE6



CF5D32



009665

Complementary

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



497BE6



E6B449

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.



3A9130



497BE6



AC7400

Square

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



497BE6



DE4A64



7C8600



00989D

Rectangle

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



497BE6



C852AA



7C8600



009553

Sweetspot

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



497BE6



CCDCFF



49E6B2



616B80



000000



808080

Same Dimension

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



497BE6



2E70FF



6349E6



676B73



0039B3



001033

Inverse Universe

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



E6497B



FF2E70



CCE649



73676B



B30039



330010

Previews

White Background



This preview shows how the Hex color 497BE6 looks on a white background.

Color Contrast Check

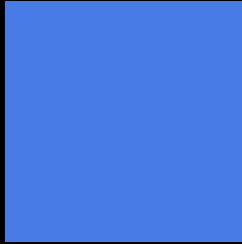
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 497BE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

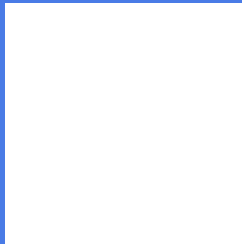
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 497BE6 Background



This preview shows how black text looks on a background with the Hex color 497BE6.



This preview shows how white text looks on a background with the Hex color 497BE6.

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
497BE6

Protanopia
4A7BE6

Deuteranopia
0081E4



Tritanopia
008C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 497BE6 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 #497BE6 looks like.

```
.text, #text, p{  
    color:#497BE6  
}
```

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 #497BE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497BE6
}
```

Border

The CSS property to change the border of an element to Hex 497BE6 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
#497BE6 }
```

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

```
.border{ border-color:#497BE6 }
```

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

Here you see how a box with a 4 pixel #497BE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497BE6; -webkit-box-shadow:4px 4px  
4px 4px #497BE6; box-shadow:4px 4px 4px  
4px #497BE6 }
```

Background

The CSS property to change the background color of an element to Hex 497BE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497BE6 }
```

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

```
.background{ background-color:#497BE6 }
```

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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