

Converting Colors

Hex(504F91)

Have a look what the booklet for
Hex(504F91) contains.

Hex(504F91)	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(504F91)

Conversions

Conversions Part 1

Format	Color
Hex	504F91
RGB	80, 79, 145
RGB Percent	31%, 31%, 57%
CMY	0.6863, 0.6902, 0.4314
CMYK	0.45, 0.46, 0.00, 0.43
HSL	241°, 29%, 44%
HSV	241°, 46%, 57%
XYZ	11.2151, 9.3418, 28.0001
YIQ	86.8230, -20.5900, 20.7380

Conversions

Conversions Part 2

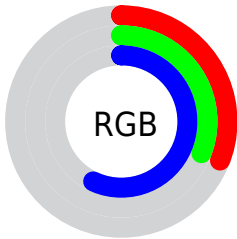
Format	Color
R_{YB}	80, 79, 145
Decimal	5263249
CIE _{Lab}	36.63, 18.37, -36.43
CIE _{LCh}	37, 40.803, 296.755
Yxy	9.3418, 0.2310, 0.1924
Android (android.graphics.Color)	4283453329 (0xFF504F91)
YUV	86.8230, 28.6813, -5.9838
Hunter-Lab	30.5643, 12.0102, -32.9208

Details

The Hex color **504F91** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **90914F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8580C7**, and **1B235E** is the 20% darker color. If you saturate the color by 10%, you get **424191**, and if you desaturate by 10%, it is **5E5E91**.

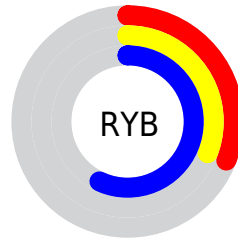
Distribution



 Red (31%)

 Green (31%)

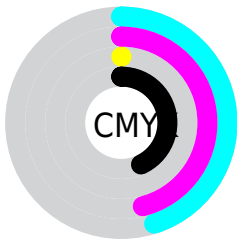
 Blue (57%)




 Red (31%)

 Yellow (31%)

 Blue (57%)

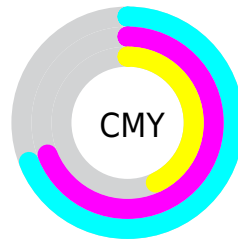


 Cyan (45%)

 Magenta (46%)

 Yellow (0%)

 Black (43%)



 Cyan (69%)

 Magenta (69%)

 Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504F91 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 504F91 by changing the saturation by 10% instead.

■ 504F91

■ 504F91

FFFFFF

■ 363877

■ 8580C7

■ 1B235E

■ A09AE4

■ 000F46

■ BCB5FF

■ 00012F

■ D8D0FF

■ 000119

■ F5EDFF

■ 000000

■ 504F91

■ 504F91

■ 424191

■ 5E5E91

■ 333291

■ 6D6C91

■ 252391

■ 7B7B91

■ 171591

■ 898991

■ 090691

■ 979891

■ 020091

■ A6A691

■ B4B591

■ C2C391

■ D1D291

Harmonies

Analogous

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



005B98



504F91



7A417B

Triad

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



504F91



83471F



006651

Complementary

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



504F91



90914F

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.



1B6330



504F91



6A530D

Square

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



504F91



903A3B



4A5D16



006673

Rectangle

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



504F91



8A3966



4A5D16



006546

Sweetspot

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



504F91



A3A2BD



4F9191



4F4E5E



DEDEDE



5E5E5E

Same Dimension

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



504F91



5655BD



704F91



404047



020087



000008

Inverse Universe

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



914F90



BD55BB



70914F



474047



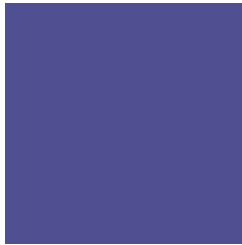
870085



080008

Previews

White Background



This preview shows how the Hex color 504F91 looks on a white background.

Color Contrast Check

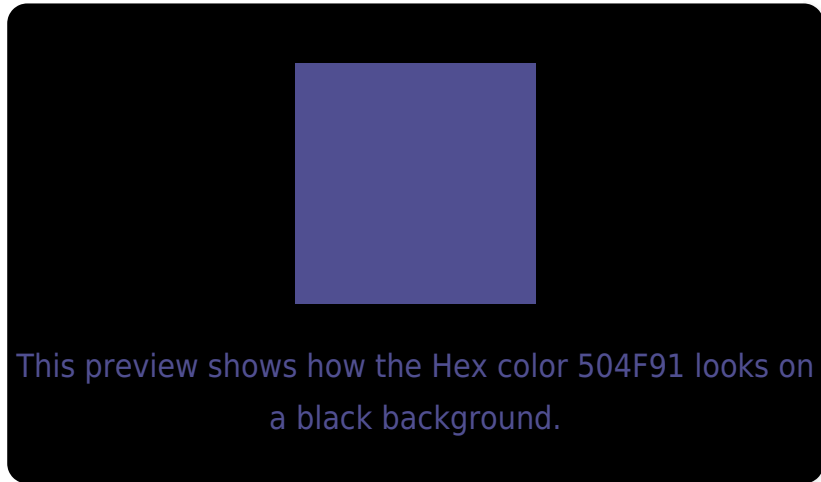
Large Text (above 18pt) WCAG AA ✓ Pass

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

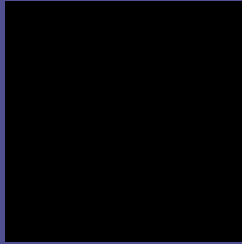
Any Text WCAG AA × Fail

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 504F91 Background



This preview shows how black text looks on a background with the Hex color 504F91.



This preview shows how white text looks on a background with the Hex color 504F91.

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
504F91

Protanopia
395496

Deuteranopia
30578F



Tritanopia
435A61

Trichromacy



Original Color
504F91

Protanomaly
415294

Deuteranomaly
3C5490

Tritanomaly
485672

Monochromacy



Original Color
504F91

Achromatopsia
575757

Achromatomaly
54546C

CSS Examples

Text

The CSS property to change the color of the text to Hex 504F91 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 #504F91 looks like.

```
.text, #text, p{  
    color:#504F91  
}
```

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 #504F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504F91
}
```

Border

The CSS property to change the border of an element to Hex 504F91 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
#504F91 }
```

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

```
.border{ border-color:#504F91 }
```

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

Here you see how a box with a 4 pixel #504F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504F91; -webkit-box-shadow:4px 4px  
4px 4px #504F91; box-shadow:4px 4px 4px  
4px #504F91 }
```

Background

The CSS property to change the background color of an element to Hex 504F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504F91 }
```

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

```
.background{ background-color:#504F91 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor