

Converting Colors

Hex(614C76)

Have a look what the booklet for
Hex(614C76) contains.

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Color

Hex(614C76)

Conversions

Conversions Part 1

Format	Color
Hex	614C76
RGB	97, 76, 118
RGB Percent	38%, 30%, 46%
CMY	0.6196, 0.7020, 0.5373
CMYK	0.18, 0.36, 0.00, 0.54
HSL	270°, 22%, 38%
HSV	270°, 36%, 46%
XYZ	10.7842, 9.0183, 18.3119
YIQ	87.0670, -0.9660, 17.5140

Conversions

Conversions Part 2

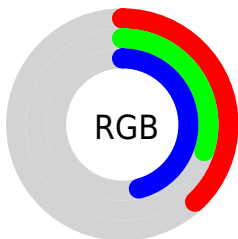
Format	Color
R_{YB}	97, 76, 118
Decimal	6376566
CIE _{Lab}	36.02, 17.84, -20.71
CIE _{LCh}	36, 27.330, 310.740
Yxy	9.0183, 0.2829, 0.2366
Android (android.graphics.Color)	4284566646 (0xFF614C76)
YUV	87.0670, 15.2500, 8.7112
Hunter-Lab	30.0304, 11.5478, -15.1323

Details

The Hex color **614C76** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **61764C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **947DAA**, and **311F45** is the 20% darker color. If you saturate the color by 10%, you get **5B4076**, and if you desaturate by 10%, it is **675876**.

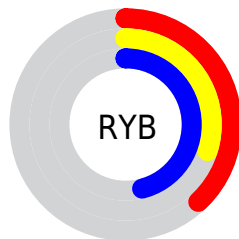
Distribution



Red (38%)

Green (30%)

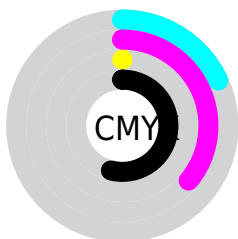
Blue (46%)



Red (38%)

Yellow (30%)

Blue (46%)

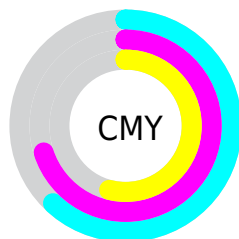


Cyan (18%)

Magenta (36%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (70%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 614C76 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 614C76 by changing the saturation by 10% instead.

■ 614C76

■ 614C76

FFFFFF

■ 49355D

■ 947DAA

■ 311F45

■ AF97C6

■ 1C0A2F

■ CBB2E2

■ 00011A

■ E7CDFE

■ 000000

■ FFEAFF

■ 614C76

■ 614C76

■ 5B4076

■ 675876

■ 553476

■ 6D6476

■ 4F2976

■ 736F76

■ 491D76

■ 797B76

■ 441176

■ 7E8776

■ 3E0576

■ 849376

■ 3B0076

■ 8A9F76

■ 90AA76

■ 96B676

Harmonies

Analogous

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



405480



614C76



764564

Triad

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



614C76



6E4E2B



00605C

Complementary

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



614C76



61764C

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.



255F46



614C76



5B5629

Square

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



614C76



7B4739



435C33



005F71

Rectangle

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



614C76



7D4355



435C33



006055

Sweetspot

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



614C76



918899



4C6176



48434D



CCCCCC



4D4D4D

Same Dimension

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



614C76



785799



764C76



38353B



3D007A



7D00FA

Inverse Universe

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



764C61



995778



4C764C



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 614C76 looks on a white background.

Color Contrast Check

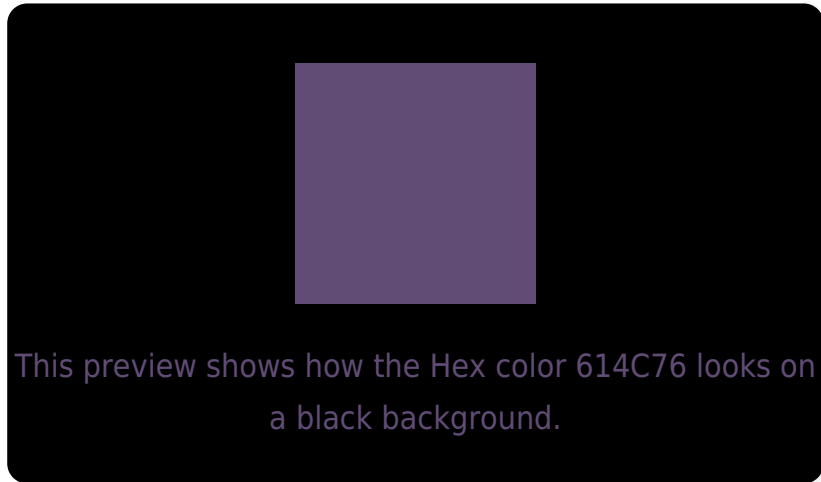
Large Text (above 18pt) WCAG AA ✓ Pass

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

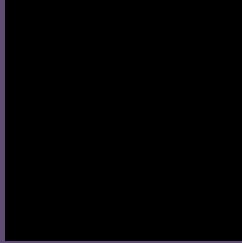
Any Text WCAG AA × Fail

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 614C76 Background



This preview shows how black text looks on a background with the Hex color 614C76.



This preview shows how white text looks on a background with the Hex color 614C76.

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](#).

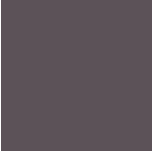
Dichromacy



Original Color
614C76

Protanopia
48547C

Deuteranopia
4B5474



Tritanopia
5C5258

Trichromacy



Original Color
614C76

Protanomaly
51517A

Deuteranomaly
535175

Tritanomaly
5E5063

Monochromacy



Original Color
614C76

Achromatopsia
575757

Achromatomaly
5B5362

CSS Examples

Text

The CSS property to change the color of the text to Hex 614C76 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 #614C76 looks like.

```
.text, #text, p{  
    color:#614C76  
}
```

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 #614C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614C76
}
```

Border

The CSS property to change the border of an element to Hex 614C76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

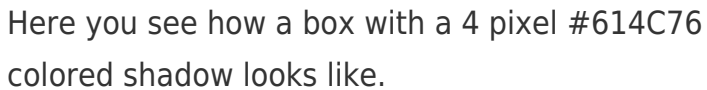
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#614C76 }
```

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

```
.border{ border-color:#614C76 }
```

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



Here you see how a box with a 4 pixel #614C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614C76; -webkit-box-shadow:4px 4px  
4px 4px #614C76; box-shadow:4px 4px 4px  
4px #614C76 }
```

Background

The CSS property to change the background color of an element to Hex 614C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614C76 }
```

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

```
.background{ background-color:#614C76 }
```

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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