

Converting Colors

Hex(5E4674)

Have a look what the booklet for
Hex(5E4674) contains.

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Color

Hex(5E4674)

Conversions

Conversions Part 1

Format	Color
Hex	5E4674
RGB	94, 70, 116
RGB Percent	37%, 27%, 45%
CMY	0.6314, 0.7255, 0.5451
CMYK	0.19, 0.40, 0.00, 0.55
HSL	271°, 25%, 36%
HSV	271°, 40%, 45%
XYZ	9.9586, 8.0210, 17.5463
YIQ	82.4200, -0.4620, 19.3940

Conversions

Conversions Part 2

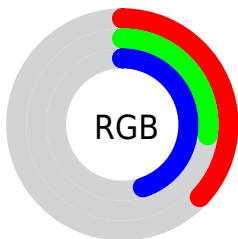
Format	Color
R_{YB}	94, 70, 116
Decimal	6178420
CIE _{Lab}	34.03, 20.09, -22.58
CIE _{LCh}	34, 30.223, 311.650
Yxy	8.0210, 0.2803, 0.2258
Android (android.graphics.Color)	4284368500 (0xFF5E4674)
YUV	82.4200, 16.5549, 10.1557
Hunter-Lab	28.3213, 13.2038, -16.9079

Details

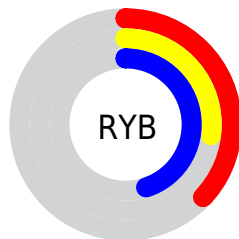
The Hex color **5E4674** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5C7446**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9177A8**, and **2E1A44** is the 20% darker color. If you saturate the color by 10%, you get **583A74**, and if you desaturate by 10%, it is **645274**.

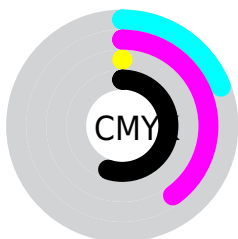
Distribution



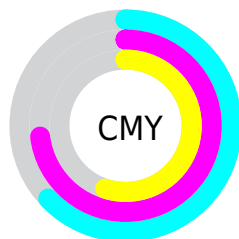
- Red (37%)
- Green (27%)
- Blue (45%)



- Red (37%)
- Yellow (27%)
- Blue (45%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4674 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 5E4674 by changing the saturation by 10% instead.

■ 5E4674

■ 5E4674

FFFFFF

■ 462F5B

■ 9177A8

■ 2E1A44

■ AC90C4

■ 1A022D

■ C8ABE0

■ 000118

■ E4C6FC

■ 000000

■ FFE3FF

■ 5E4674

■ 5E4674

■ 583A74

■ 645274

■ 532F74

■ 695D74

■ 4D2374

■ 6F6974

■ 481874

■ 747474

■ 420C74

■ 7A8074

■ 3D0074

■ 7F8C74

■ 859774

■ 8AA374

■ 90AE74

Harmonies

Analogous

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



384F7F



5E4674



753E60

Triad

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



5E4674



6A4922



005C59

Complementary

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



5E4674



5C7446

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.



145B40



5E4674



55521F

Square

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



5E4674



794131



3B582B



005B6F

Rectangle

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



5E4674



7C3C50



3B582B



005C51

Sweetspot

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



5E4674



8E8496



465C74



47424D



CCCCCC



4D4D4D

Same Dimension

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



5E4674



744E96



744673



38353B



40007A



8200FA

Inverse Universe

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



74465C



964E71



467447



3B3538



7A003B



FA0078

Previews

White Background



This preview shows how the Hex color 5E4674 looks on a white background.

Color Contrast Check

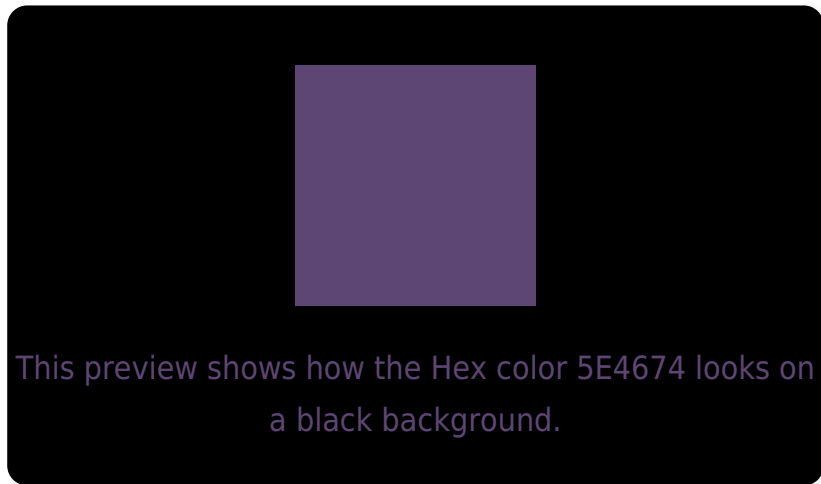
Large Text (above 18pt) WCAG AA ✓ Pass

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

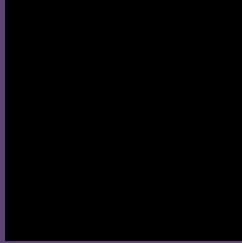
Any Text WCAG AA × Fail

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 5E4674 Background



This preview shows how black text looks on a background with the Hex color 5E4674.



This preview shows how white text looks on a background with the Hex color 5E4674.

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
5E4674

Protanopia
404F7B

Deuteranopia
444F72



Tritanopia
594D53

Trichromacy



Original Color

5E4674

Protanomaly

4B4C78

Deuteranomaly

4D4C73

Tritanomaly

5B4A5F

Monochromacy



Original Color

5E4674

Achromatopsia

525252

Achromatomaly

564E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4674 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 #5E4674 looks like.

```
.text, #text, p{  
    color:#5E4674  
}
```

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 #5E4674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4674
}
```

Border

The CSS property to change the border of an element to Hex 5E4674 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
#5E4674 }
```

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

```
.border{ border-color:#5E4674 }
```

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

Here you see how a box with a 4 pixel #5E4674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4674; -webkit-box-shadow:4px 4px  
4px 4px #5E4674; box-shadow:4px 4px 4px  
4px #5E4674 }
```

Background

The CSS property to change the background color of an element to Hex 5E4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4674 }
```

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

```
.background{ background-color:#5E4674 }
```

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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