

Converting Colors

Hex(564671)

Have a look what the booklet for
Hex(564671) contains.

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Color

Hex(564671)

Conversions

Conversions Part 1

Format	Color
Hex	564671
RGB	86, 70, 113
RGB Percent	34%, 27%, 44%
CMY	0.6627, 0.7255, 0.5569
CMYK	0.24, 0.38, 0.00, 0.56
HSL	262°, 23%, 36%
HSV	262°, 38%, 44%
XYZ	9.0085, 7.5510, 16.6055
YIQ	79.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

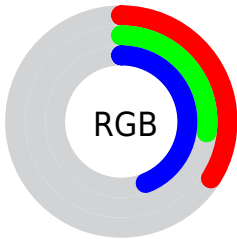
Format	Color
R_{YB}	86, 70, 113
Decimal	5654129
CIE _{Lab}	33.03, 16.63, -22.32
CIE _{LCh}	33, 27.837, 306.694
Yxy	7.5510, 0.2716, 0.2277
Android (android.graphics.Color)	4283844209 (0xFF564671)
YUV	79.6860, 16.4238, 5.5374
Hunter-Lab	27.4791, 10.4297, -16.5933

Details

The Hex color **564671** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **617146**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8976A5**, and **271A41** is the 20% darker color. If you saturate the color by 10%, you get **4F3B71**, and if you desaturate by 10%, it is **5D5171**.

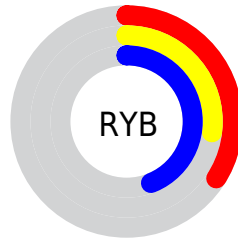
Distribution



 Red (34%)

 Green (27%)

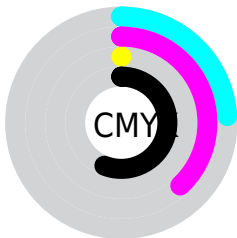
 Blue (44%)



 Red (34%)

 Yellow (27%)

 Blue (44%)

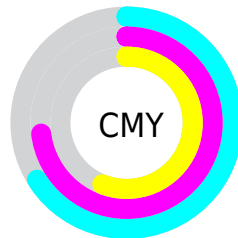


 Cyan (24%)

 Magenta (38%)

 Yellow (0%)

 Black (56%)



 Cyan (66%)

 Magenta (73%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564671 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 564671 by changing the saturation by 10% instead.

■ 564671

■ 564671

FFFFFF

■ 3E2F58

■ 8976A5

■ 271A41

■ A390C0

■ 14012B

■ BEABDC

■ 000115

■ DAC6F9

■ 000000

■ F7E2FF

■ 564671

■ 564671

■ 4F3B71

■ 5D5171

■ 482F71

■ 645D71

■ 412471

■ 6B6871

■ 3A1971

■ 727371

■ 330E71

■ 797F71

■ 2B0271

■ 818A71

■ 2A0071

■ 889571

■ 8FA071

■ 96AC71

Harmonies

Analogous

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



324E79



564671



6D3E60

Triad

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



564671



694625



005952

Complementary

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



564671



617146

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.



21583C



564671



564E21

Square

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



564671



753F35



3F5429



005867

Rectangle

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



564671



753C51



3F5429



00594A

Sweetspot

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



564671



8A8494



466171



44404A



C9C9C9



4A4A4A

Same Dimension

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



564671



695094



6B4671



353238



2D0078



5C00F7

Inverse Universe

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



714661



94507B



4C7146



383236



78004B



F7009B

Previews

White Background



This preview shows how the Hex color 564671 looks on a white background.

Color Contrast Check

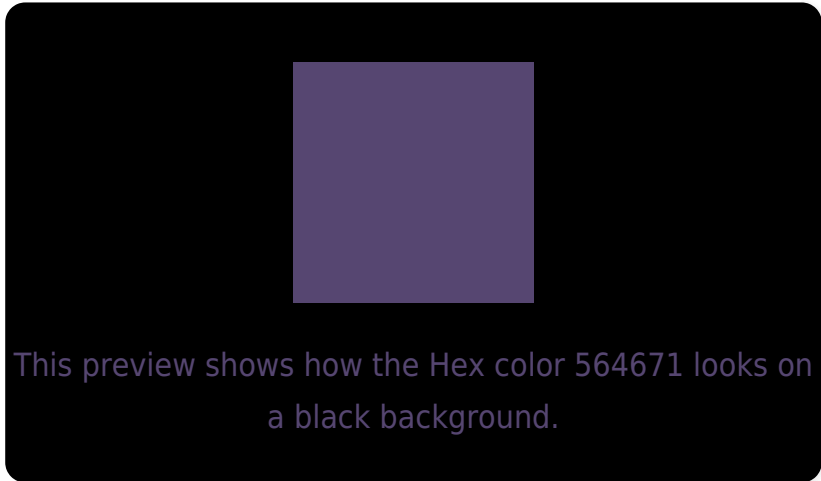
Large Text (above 18pt) WCAG AA ✓ Pass

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

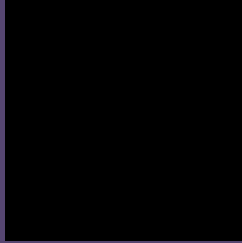
Any Text WCAG AA × Fail

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 564671 Background



This preview shows how black text looks on a background with the Hex color 564671.



This preview shows how white text looks on a background with the Hex color 564671.

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
564671

Protanopia
3F4C76

Deuteranopia
414D70



Tritanopia
504C52

Trichromacy



Original Color
564671

Protanomaly
474A74

Deuteranomaly
494A70

Tritanomaly
524A5D

Monochromacy



Original Color
564671

Achromatopsia
505050

Achromatomaly
524C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 564671 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 #564671 looks like.

```
.text, #text, p{  
    color:#564671  
}
```

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 #564671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564671
}
```

Border

The CSS property to change the border of an element to Hex 564671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

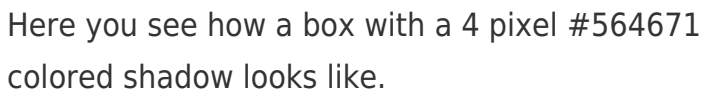
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564671 }
```

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

```
.border{ border-color:#564671 }
```

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



Here you see how a box with a 4 pixel #564671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564671; -webkit-box-shadow:4px 4px  
4px 4px #564671; box-shadow:4px 4px 4px  
4px #564671 }
```

Background

The CSS property to change the background color of an element to Hex 564671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564671 }
```

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

```
.background{ background-color:#564671 }
```

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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