

Converting Colors

Hex(5B4365)

Have a look what the booklet for
Hex(5B4365) contains.

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Color

Hex(5B4365)

Conversions

Conversions Part 1

Format	Color
Hex	5B4365
RGB	91, 67, 101
RGB Percent	36%, 26%, 40%
CMY	0.6431, 0.7373, 0.6039
CMYK	0.10, 0.34, 0.00, 0.60
HSL	282°, 20%, 33%
HSV	282°, 34%, 40%
XYZ	8.6705, 7.1780, 13.2404
YIQ	78.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

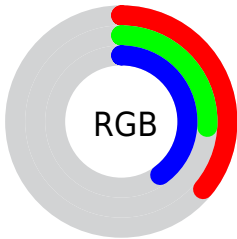
Format	Color
R_{YB}	91, 67, 101
Decimal	5981029
CIE _{Lab}	32.21, 17.28, -15.97
CIE _{LCh}	32, 23.531, 317.269
Yxy	7.1780, 0.2981, 0.2468
Android (android.graphics.Color)	4284171109 (0xFF5B4365)
YUV	78.0520, 11.3134, 11.3554
Hunter-Lab	26.7919, 10.8812, -10.5466

Details

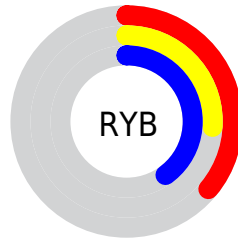
The Hex color **5B4365** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D6543**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8E7398**, and **2C1736** is the 20% darker color. If you saturate the color by 10%, you get **583965**, and if you desaturate by 10%, it is **5E4D65**.

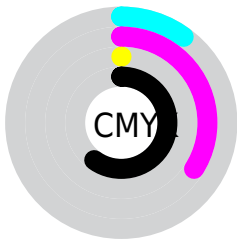
Distribution



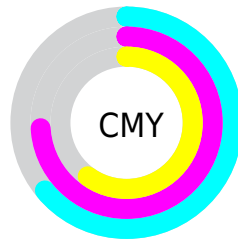
- Red (36%)
- Green (26%)
- Blue (40%)



- Red (36%)
- Yellow (26%)
- Blue (40%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4365 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 5B4365 by changing the saturation by 10% instead.

 5B4365

 5B4365

FFFFFF

 432D4D

 8E7398

 2C1736

 A88DB3

 1A0021

 C4A7CE

 000006

 E0C3EB

 000000

 FCDFFF

 FFFBFF

 5B4365

 5B4365

 583965

 5E4D65

■ 552F65

■ 615765

■ 522565

■ 646165

■ 4F1B65

■ 676B65

■ 4C1165

■ 6A7665

■ 490665

■ 6D8065

■ 470065

■ 708A65

■ 739465

■ 769E65

Harmonies

Analogous

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



424A6F



5B4365



6B3E54

Triad

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



5B4365



5E4828



005556

Complementary

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



5B4365



4D6543

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.



1E5543



5B4365



4D4E28

Square

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



5B4365



6B4231



385232



005466

Rectangle

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



5B4365



6F3D48



385232



035650

Sweetspot

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



5B4365



7E7582



434D65



403A42



C2C2C2



424242

Same Dimension

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



5B4365



734E82



65435E



322E33



510073



AB00F2

Inverse Universe

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



65434D



824E5D



43654A



332E2F



730022



F20047

Previews

White Background



This preview shows how the Hex color 5B4365 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

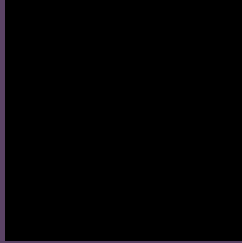
Any Text WCAG AA × Fail

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 5B4365 Background



This preview shows how black text looks on a background with the Hex color 5B4365.



This preview shows how white text looks on a background with the Hex color 5B4365.

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
5B4365

Protanopia
424B6B

Deuteranopia
474B63



Tritanopia
57484D

Trichromacy



Original Color
5B4365

Protanomaly
4B4869

Deuteranomaly
4E4864

Tritanomaly
584656

Monochromacy



Original Color
5B4365

Achromatopsia
4E4E4E

Achromatomaly
534A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4365 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 #5B4365 looks like.

```
.text, #text, p{  
    color:#5B4365  
}
```

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 #5B4365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4365
}
```

Border

The CSS property to change the border of an element to Hex 5B4365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

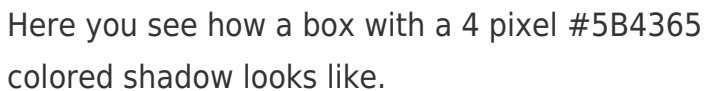
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4365 }
```

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

```
.border{ border-color:#5B4365 }
```

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



Here you see how a box with a 4 pixel #5B4365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4365; -webkit-box-shadow:4px 4px  
4px 4px #5B4365; box-shadow:4px 4px 4px  
4px #5B4365 }
```

Background

The CSS property to change the background color of an element to Hex 5B4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4365 }
```

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

```
.background{ background-color:#5B4365 }
```

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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