

Converting Colors

Hex(5A6364)

Have a look what the booklet for
Hex(5A6364) contains.

Hex(5A6364)	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(5A6364)

Conversions

Conversions Part 1

Format	Color
Hex	5A6364
RGB	90, 99, 100
RGB Percent	35%, 39%, 39%
CMY	0.6471, 0.6118, 0.6078
CMYK	0.10, 0.01, 0.00, 0.61
HSL	186°, 5%, 37%
HSV	186°, 10%, 39%
XYZ	10.9785, 12.0174, 13.7976
YIQ	96.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

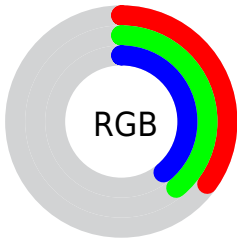
Format	Color
R _Y B	90, 95, 100
Decimal	5923684
CIE Lab	41.24, -3.24, -1.76
CIE LCh	41, 3.685, 208.535
Yxy	12.0174, 0.2984, 0.3266
Android (android.graphics.Color)	4284113764 (0xFF5A6364)
YUV	96.4230, 1.7635, -5.6330
Hunter-Lab	34.6662, -4.1361, 0.6682

Details

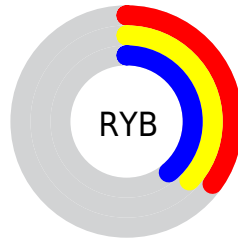
The Hex color **5A6364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **645B5A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8C9697**, and **2C3535** is the 20% darker color. If you saturate the color by 10%, you get **506264**, and if you desaturate by 10%, it is **646464**.

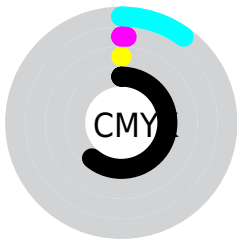
Distribution



- Red (35%)
- Green (39%)
- Blue (39%)



- Red (35%)
- Yellow (37%)
- Blue (39%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6364 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 5A6364 by changing the saturation by 10% instead.



5A6364



5A6364

FFFFFF



434B4C



8C9697



2C3535



A6B0B1



181F20



C2CCCD



000709



DEE8E9



000000



FAFFFF



5A6364



5A6364



506264



646464



466164



6E6564

■ 3C6064

■ 786664

■ 325F64

■ 826764

■ 285E64

■ 8C6864

■ 1E5D64

■ 966964

■ 145C64

■ A06A64

■ 0A5B64

■ AA6B64

■ 005A64

■ B46C64

Harmonies

Analogous

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



5B6361



5A6364



5B6266

Triad

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



5A6364



656064



64615B

Complementary

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



5A6364



645B5A

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.



67605C



5A6364



675F62

Square

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



5A6364



626167



685F5E



61625C

Rectangle

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



5A6364



5D6267



685F5E



65615B

Sweetspot

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



5A6364



7E8282



5A645B



404242



C2C2C2



424242

Same Dimension

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



5A6364



728082



5A5E64



2E3233



006773



00DAF2

Inverse Universe

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



645A63



827280



64605A



332E32



730067



F200DA

Previews

White Background



This preview shows how the Hex color 5A6364 looks on a white background.

Color Contrast Check

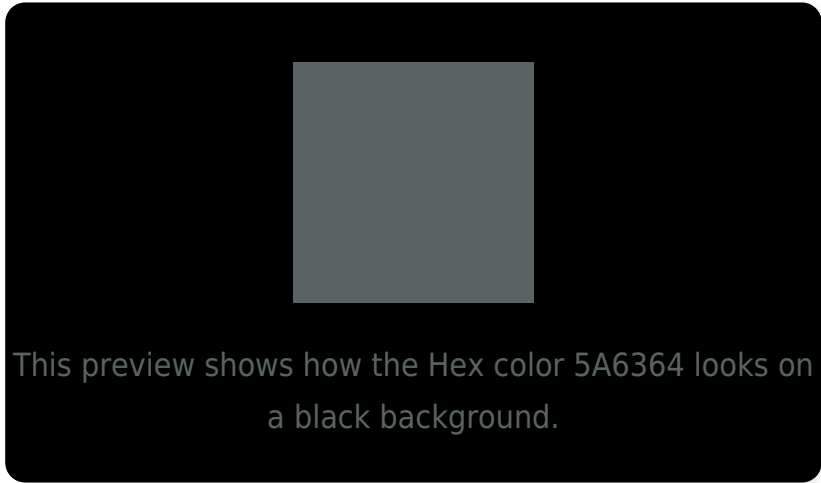
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

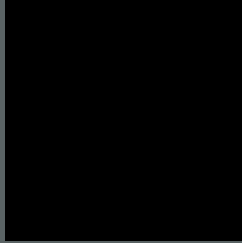
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

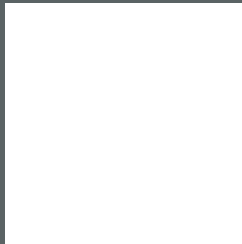
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A6364 Background



This preview shows how black text looks on a background with the Hex color 5A6364.



This preview shows how white text looks on a background with the Hex color 5A6364.

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](#).

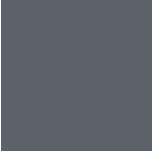
Dichromacy



Original Color
5A6364

Protanopia
626163

Deuteranopia
695E65



Tritanopia
5B626A

Trichromacy



Original Color

5A6364

Protanomaly

5F6263

Deuteranomaly

646065

Tritanomaly

5B6268

Monochromacy



Original Color

5A6364

Achromatopsia

606060

Achromatomaly

5E6161

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6364 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 #5A6364 looks like.

```
.text, #text, p{  
    color:#5A6364  
}
```

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 #5A6364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6364
}
```

Border

The CSS property to change the border of an element to Hex 5A6364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

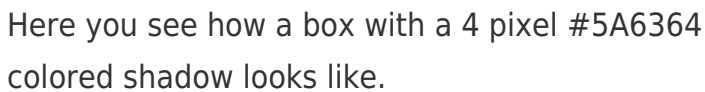
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6364 }
```

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

```
.border{ border-color:#5A6364 }
```

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



Here you see how a box with a 4 pixel #5A6364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6364; -webkit-box-shadow:4px 4px  
4px 4px #5A6364; box-shadow:4px 4px 4px  
4px #5A6364 }
```

Background

The CSS property to change the background color of an element to Hex 5A6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6364 }
```

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

```
.background{ background-color:#5A6364 }
```

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