

Converting Colors

Hex(5A6464)

Have a look what the booklet for
Hex(5A6464) contains.

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Color

Hex(5A6464)

Conversions

Conversions Part 1

Format	Color
Hex	5A6464
RGB	90, 100, 100
RGB Percent	35%, 39%, 39%
CMY	0.6471, 0.6078, 0.6078
CMYK	0.10, 0.00, 0.00, 0.61
HSL	180°, 5%, 37%
HSV	180°, 10%, 39%
XYZ	11.0739, 12.2081, 13.8293
YIQ	97.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

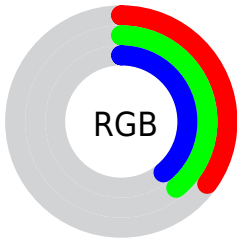
Format	Color
R_{YB}	90, 95, 100
Decimal	5923940
CIE Lab	41.54, -3.83, -1.32
CIE LCh	42, 4.053, 198.978
Yxy	12.2081, 0.2984, 0.3290
Android (android.graphics.Color)	4284114020 (0xFF5A6464)
YUV	97.0100, 1.4741, -6.1478
Hunter-Lab	34.9401, -4.5716, 0.9910

Details

The Hex color **5A6464** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **645A5A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8C9797**, and **2C3535** is the 20% darker color. If you saturate the color by 10%, you get **506464**, and if you desaturate by 10%, it is **646464**.

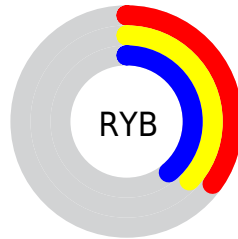
Distribution



 Red (35%)

 Green (39%)

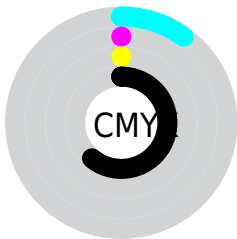
 Blue (39%)




 Red (35%)

 Yellow (37%)

 Blue (39%)

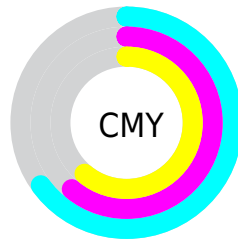


 Cyan (10%)

 Magenta (0%)

 Yellow (0%)

 Black (61%)



 Cyan (65%)

 Magenta (61%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6464 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 5A6464 by changing the saturation by 10% instead.



5A6464



5A6464

FFFFFF



434C4C



8C9797



2C3535



A6B1B1



182020



C2CDCD



000909



DEE9E9



000000



FAFFFF



5A6464



5A6464



506464



646464



466464



6E6464

■ 3C6464

■ 786464

■ 326464

■ 826464

■ 286464

■ 8C6464

■ 1E6464

■ 966464

■ 146464

■ A06464

■ 0A6464

■ AA6464

■ 006464

■ B46464

Harmonies

Analogous

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



5C6461



5A6464



5B6467

Triad

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



5A6464



656166



66615C

Complementary

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



5A6464



645A5A

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.



69605D



5A6464



686063

Square

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



5A6464



616268



696060



63625C

Rectangle

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



5A6464



5C6368



696060



67615C

Sweetspot

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



5A6464



7E8282



5A645A



404242



C2C2C2



424242

Same Dimension

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



5A6464



728282



5A5F64



2E3333



007373



00F2F2

Inverse Universe

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



645A64



827282



645F5A



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 5A6464 looks on a white background.

Color Contrast Check

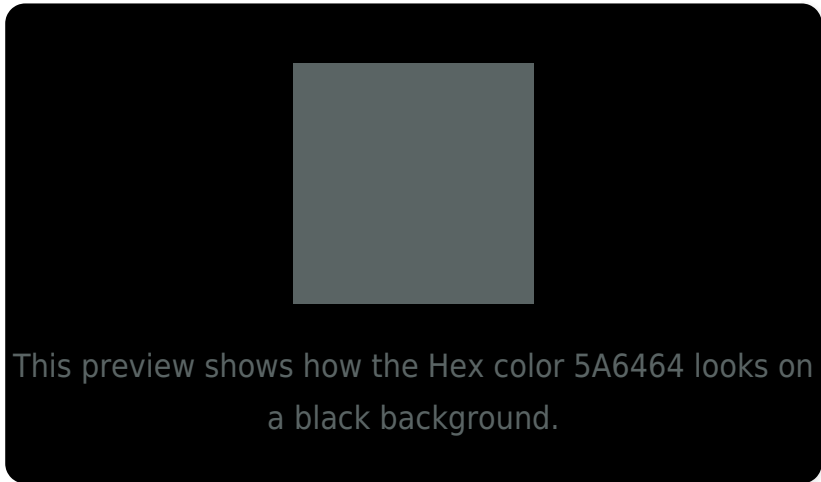
Large Text (above 18pt) WCAG AA ✓ Pass

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

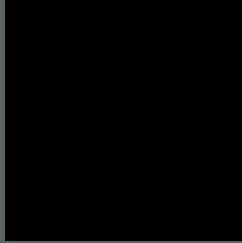
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

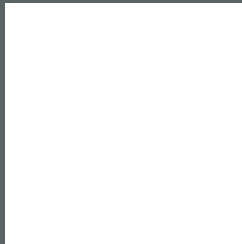
Any Text WCAG AAA × Fail

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

Hex 5A6464 Background



This preview shows how black text looks on a background with the Hex color 5A6464.



This preview shows how white text looks on a background with the Hex color 5A6464.

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
5A6464

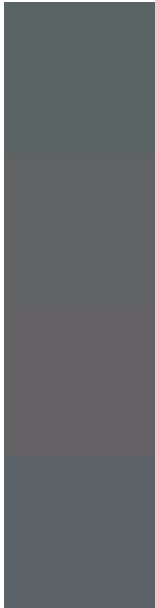
Protanopia
636162

Deuteranopia
6A5F65



Tritanopia
5B636B

Trichromacy



Original Color

5A6464

Protanomaly

606263

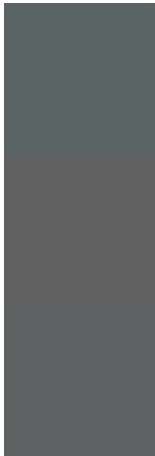
Deuteranomaly

646165

Tritanomaly

5B6368

Monochromacy



Original Color

5A6464

Achromatopsia

616161

Achromatomaly

5E6262

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6464 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 #5A6464 looks like.

```
.text, #text, p{  
    color:#5A6464  
}
```

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 #5A6464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6464
}
```

Border

The CSS property to change the border of an element to Hex 5A6464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

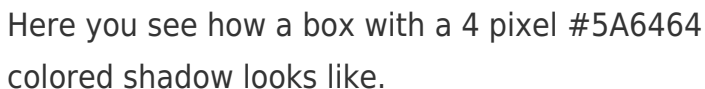
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6464 }
```

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

```
.border{ border-color:#5A6464 }
```

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



Here you see how a box with a 4 pixel #5A6464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6464; -webkit-box-shadow:4px 4px  
4px 4px #5A6464; box-shadow:4px 4px 4px  
4px #5A6464 }
```

Background

The CSS property to change the background color of an element to Hex 5A6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6464 }
```

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

```
.background{ background-color:#5A6464 }
```

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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