

Converting Colors

Hex(5A6564)

Have a look what the booklet for
Hex(5A6564) contains.

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Color

Hex(5A6564)

Conversions

Conversions Part 1

Format	Color
Hex	5A6564
RGB	90, 101, 100
RGB Percent	35%, 40%, 39%
CMY	0.6471, 0.6039, 0.6078
CMYK	0.11, 0.00, 0.01, 0.60
HSL	175°, 6%, 37%
HSV	175°, 11%, 40%
XYZ	11.1704, 12.4011, 13.8615
YIQ	97.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

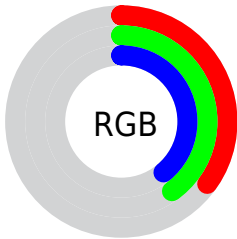
Format	Color
R_{YB}	90, 96, 101
Decimal	5924196
CIE _{Lab}	41.85, -4.43, -0.88
CIE _{LCh}	42, 4.511, 191.193
Yxy	12.4011, 0.2984, 0.3313
Android (android.graphics.Color)	4284114276 (0xFF5A6564)
YUV	97.5970, 1.1847, -6.6626
Hunter-Lab	35.2152, -5.0059, 1.3128

Details

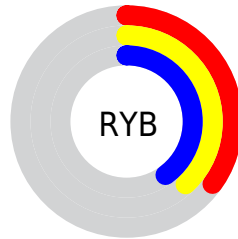
The Hex color **5A6564** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655A5B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8C9897**, and **2C3635** is the 20% darker color. If you saturate the color by 10%, you get **506563**, and if you desaturate by 10%, it is **646565**.

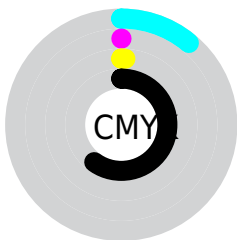
Distribution



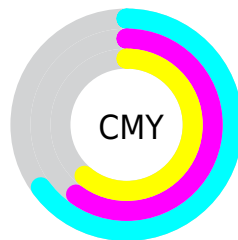
- Red (35%)
- Green (40%)
- Blue (39%)



- Red (35%)
- Yellow (38%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6564 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 5A6564 by changing the saturation by 10% instead.



5A6564



5A6564

FFFFFF



434D4C



8C9897



2C3635



A6B3B1



182120



C2CECD



000A09



DEEAE9



000000



FAFFFF



5A6564



5A6564



506563



646565



466562



6E6566

■ 3C6561

■ 786567

■ 326560

■ 826568

■ 28655F

■ 8D6569

■ 1D655E

■ 97656A

■ 13655E

■ A1656A

■ 09655D

■ AB656B

■ 00655C

■ B5656C

Harmonies

Analogous

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



5C6560



5A6564



5A6567

Triad

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



5A6564



656168



68625C

Complementary

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



5A6564



655A5B

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.



6B615E



5A6564



696165

Square

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



5A6564



61636A



6B6061



64635B

Rectangle

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



5A6564



5B6469



6B6061



69615C

Sweetspot

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



5A6564



7E8282



5B655A



404242



C2C2C2



424242

Same Dimension

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



5A6564



718281



5A6165



2E3333



007368



00F2DC

Inverse Universe

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



655A5B



827173



655E5A



332E2E



73000A



F20016

Previews

White Background



This preview shows how the Hex color 5A6564 looks on a white background.

Color Contrast Check

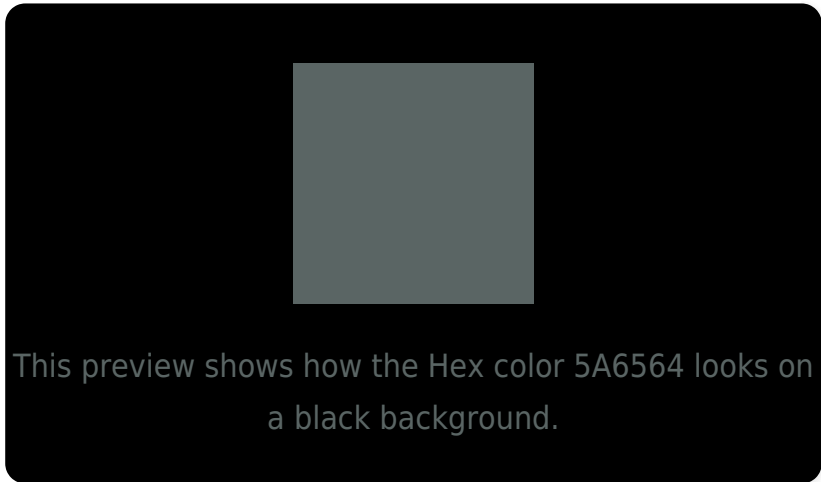
Large Text (above 18pt) WCAG AA ✓ Pass

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

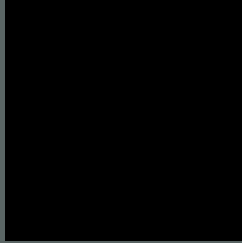
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

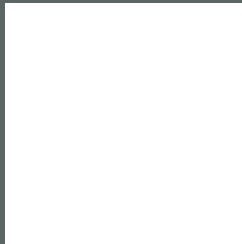
Any Text WCAG AAA × Fail

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

Hex 5A6564 Background



This preview shows how black text looks on a background with the Hex color 5A6564.



This preview shows how white text looks on a background with the Hex color 5A6564.

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](#).

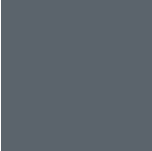
Dichromacy



Original Color
5A6564

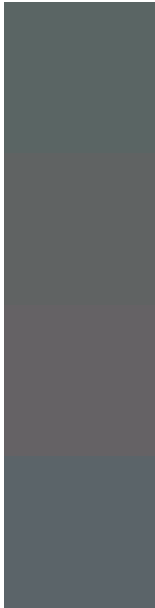
Protanopia
646262

Deuteranopia
6B6065



Tritanopia
5B646C

Trichromacy



Original Color

5A6564

Protanomaly

606363

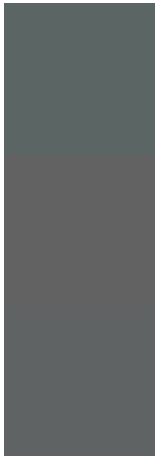
Deuteranomaly

656265

Tritanomaly

5B6469

Monochromacy



Original Color

5A6564

Achromatopsia

626262

Achromatomaly

5F6363

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6564 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 #5A6564 looks like.

```
.text, #text, p{  
    color:#5A6564  
}
```

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 #5A6564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6564
}
```

Border

The CSS property to change the border of an element to Hex 5A6564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

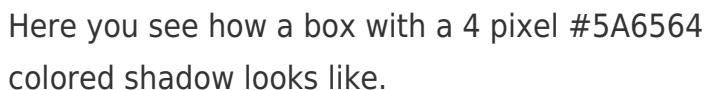
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6564 }
```

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

```
.border{ border-color:#5A6564 }
```

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



Here you see how a box with a 4 pixel #5A6564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6564; -webkit-box-shadow:4px 4px  
4px 4px #5A6564; box-shadow:4px 4px 4px  
4px #5A6564 }
```

Background

The CSS property to change the background color of an element to Hex 5A6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6564 }
```

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

```
.background{ background-color:#5A6564 }
```

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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