

Converting Colors

Hex(5B6556)

Have a look what the booklet for
Hex(5B6556) contains.

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Color

Hex(5B6556)

Conversions

Conversions Part 1

Format	Color
Hex	5B6556
RGB	91, 101, 86
RGB Percent	36%, 40%, 34%
CMY	0.6431, 0.6039, 0.6627
CMYK	0.10, 0.00, 0.15, 0.60
HSL	100°, 8%, 37%
HSV	100°, 15%, 40%
XYZ	10.6478, 12.2034, 10.5984
YIQ	96.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

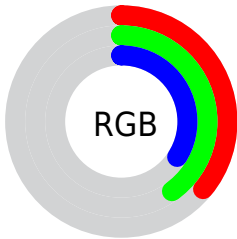
Format	Color
R_{YB}	86, 101, 96
Decimal	5989718
CIE Lab	41.54, -6.97, 7.20
CIE LCh	42, 10.025, 134.076
Yxy	12.2034, 0.3183, 0.3648
Android (android.graphics.Color)	4284179798 (0xFF5B6556)
YUV	96.3000, -5.0779, -4.6481
Hunter-Lab	34.9334, -6.7261, 6.4654

Details

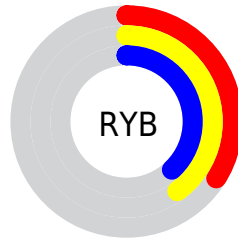
The Hex color **5B6556** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605665**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D9888**, and **2D3629** is the 20% darker color. If you saturate the color by 10%, you get **54654C**, and if you desaturate by 10%, it is **626560**.

Distribution



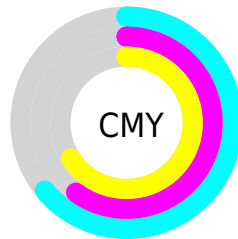
- Red (36%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6556 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 5B6556 by changing the saturation by 10% instead.



5B6556



5B6556

FFFFFF



434D3F



8D9888



2D3629



A8B3A2



182114



C3CEBD



000B00



DFEAD9



000000



FBFFF5



5B6556



5B6556



54654C



626560



4E6542



68656A

■ 476538

■ 6F6574

■ 40652E

■ 76657E

■ 396524

■ 7D6589

■ 336519

■ 836593

■ 2C650F

■ 8A659D

■ 256505

■ 9165A7

■ 226500

■ 9865B1

Harmonies

Analogous

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



646352



5B6556



52665D

Triad

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



5B6556



546472



735C5E

Complementary

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



5B6556



605665

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.



705D67



5B6556



5E6172

Square

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



5B6556



4E666D



685F6E



725E57

Rectangle

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



5B6556



4E6763



685F6E



735C61

Sweetspot

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



5B6556



7F827D



656056



40423F



C2C2C2



424242

Same Dimension

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



5B6556



72826B



566559



30332E



267300



51F200

Inverse Universe

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



605665



7A6B82



655663



312E33



4D0073



A200F2

Previews

White Background



This preview shows how the Hex color 5B6556 looks on a white background.

Color Contrast Check

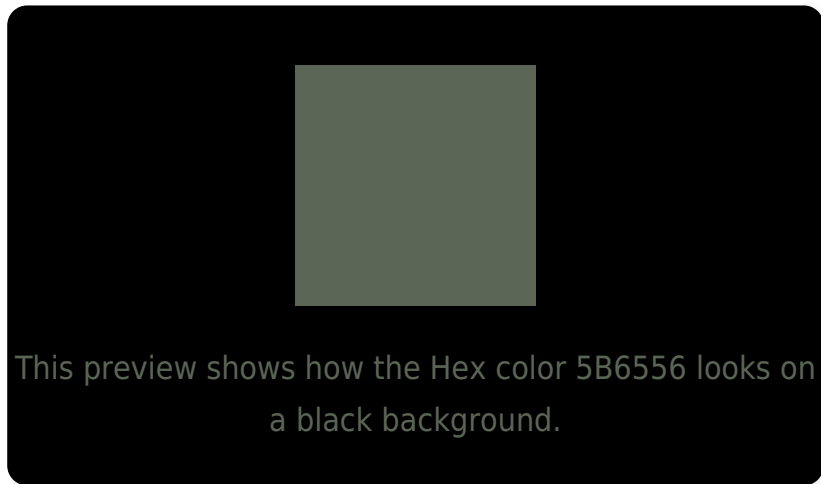
Large Text (above 18pt) WCAG AA ✓ Pass

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

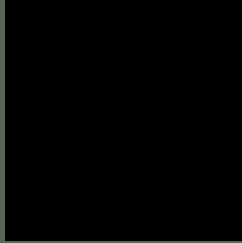
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

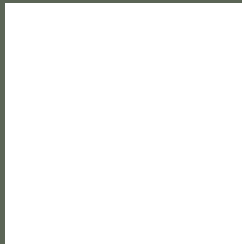
Any Text WCAG AAA × Fail

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

Hex 5B6556 Background



This preview shows how black text looks on a background with the Hex color 5B6556.

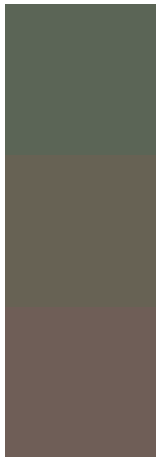


This preview shows how white text looks on a background with the Hex color 5B6556.

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
5B6556

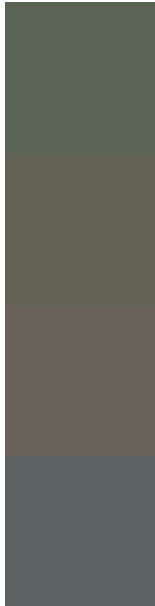
Protanopia
676254

Deuteranopia
6F5E57



Tritanopia
5E626A

Trichromacy



Original Color
5B6556

Protanomaly
636355

Deuteranomaly
686157

Tritanomaly
5D6363

Monochromacy



Original Color
5B6556

Achromatopsia
606060

Achromatomaly
5E625C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6556 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 #5B6556 looks like.

```
.text, #text, p{  
    color:#5B6556  
}
```

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 #5B6556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6556
}
```

Border

The CSS property to change the border of an element to Hex 5B6556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

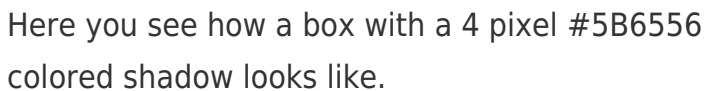
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6556 }
```

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

```
.border{ border-color:#5B6556 }
```

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



Here you see how a box with a 4 pixel #5B6556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6556; -webkit-box-shadow:4px 4px  
4px 4px #5B6556; box-shadow:4px 4px 4px  
4px #5B6556 }
```

Background

The CSS property to change the background color of an element to Hex 5B6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6556 }
```

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

```
.background{ background-color:#5B6556 }
```

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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