

Converting Colors

Hex(61555B)

Have a look what the booklet for
Hex(61555B) contains.

Hex(61555B)	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(61555B)

Conversions

Conversions Part 1

Format	Color
Hex	61555B
RGB	97, 85, 91
RGB Percent	38%, 33%, 36%
CMY	0.6196, 0.6667, 0.6431
CMYK	0.00, 0.12, 0.06, 0.62
HSL	330°, 7%, 36%
HSV	330°, 12%, 38%
XYZ	10.0666, 9.7937, 11.2573
YIQ	89.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

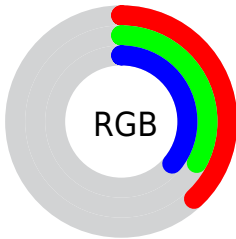
Format	Color
R_{YB}	97, 85, 91
Decimal	6378843
CIE Lab	37.47, 6.09, -1.68
CIE LCh	37, 6.320, 344.586
Yxy	9.7937, 0.3235, 0.3147
Android (android.graphics.Color)	4284568923 (0xFF61555B)
YUV	89.2720, 0.8519, 6.7775
Hunter-Lab	31.2949, 2.6517, 0.5788

Details

The Hex color **61555B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55615B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **94878D**, and **33282D** is the 20% darker color. If you saturate the color by 10%, you get **614B56**, and if you desaturate by 10%, it is **615F60**.

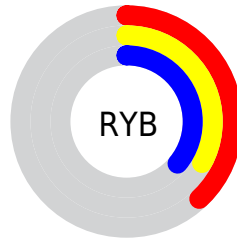
Distribution



 Red (38%)

 Green (33%)

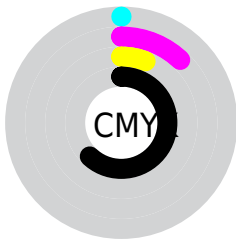
 Blue (36%)



 Red (38%)

 Yellow (33%)

 Blue (36%)

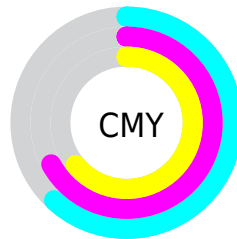


 Cyan (0%)

 Magenta (12%)

 Yellow (6%)

 Black (62%)



 Cyan (62%)

 Magenta (67%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61555B 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 61555B by changing the saturation by 10% instead.

61555B

61555B

FFFFFF

493E44

94878D

33282D

AEA1A7

1D1419

CABCC3

000000

E6D8DF

FFF4FB

61555B

61555B

614B56

615F60

614251

616865

61384C

61726A

612E48

617C6E

612543

618573

611B3E

618F78

611139

61997D

610734

61A382

610031

61AC87

Harmonies

Analogous

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



5C565F



61555B



635556

Triad

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



61555B



5A594E



4C5B5F

Complementary

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



61555B



55615B

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.



4C5B5B



61555B



545A51

Square

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



61555B



5F574E



4F5B55



505962

Rectangle

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



61555B



635553



4F5B55



4C5B5E

Sweetspot

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



61555B



7D787A



5B5561



403D3E



BFBFBF



404040

Same Dimension

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



61555B



7D6A74



615555



302C2E



700038



F00078

Inverse Universe

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



61555B



7D6A74



556161



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 61555B looks on a white background.

Color Contrast Check

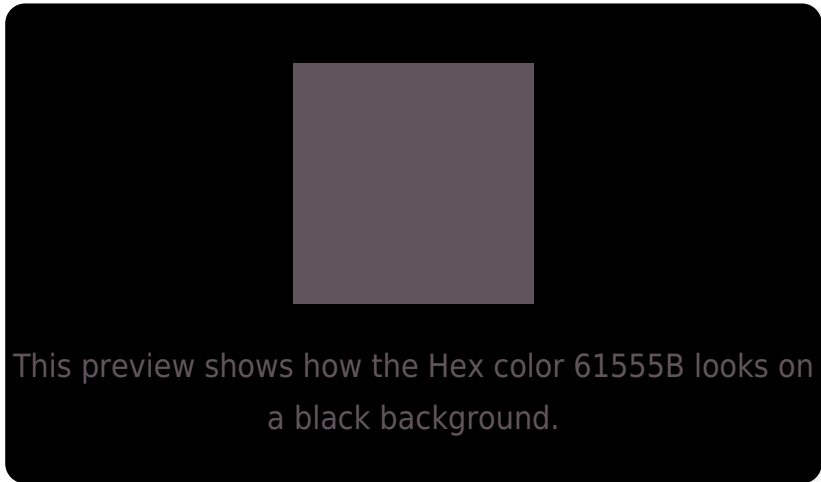
Large Text (above 18pt) WCAG AA ✓ Pass

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

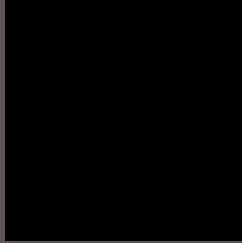
Any Text WCAG AA × Fail

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 61555B Background



This preview shows how black text looks on a background with the Hex color 61555B.



This preview shows how white text looks on a background with the Hex color 61555B.

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
61555B

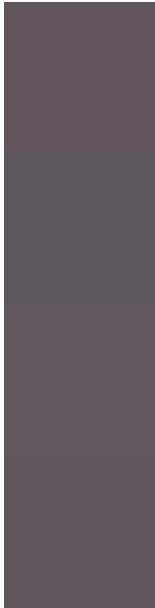
Protanopia
59585D

Deuteranopia
60565B



Tritanopia
61555C

Trichromacy



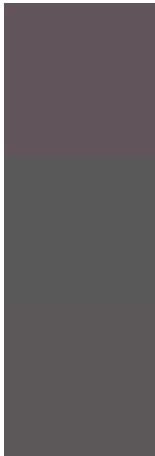
Original Color
61555B

Protanomaly
5C575C

Deuteranomaly
60565B

Tritanomaly
61555C

Monochromacy



Original Color
61555B

Achromatopsia
595959

Achromatomaly
5C585A

CSS Examples

Text

The CSS property to change the color of the text to Hex 61555B 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 #61555B looks like.

```
.text, #text, p{  
    color:#61555B  
}
```

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 #61555B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61555B
}
```

Border

The CSS property to change the border of an element to Hex 61555B is called "border". The border property can be set on classes, ids or directly on the HTML element.

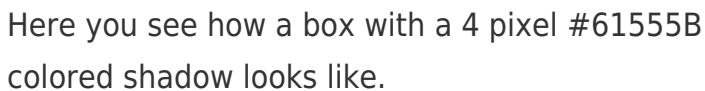
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61555B }
```

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

```
.border{ border-color:#61555B }
```

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



Here you see how a box with a 4 pixel #61555B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61555B; -webkit-box-shadow:4px 4px  
4px 4px #61555B; box-shadow:4px 4px 4px  
4px #61555B }
```

Background

The CSS property to change the background color of an element to Hex 61555B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61555B }
```

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

```
.background{ background-color:#61555B }
```

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