

Converting Colors

Hex(5D455E)

Have a look what the booklet for
Hex(5D455E) contains.

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Color

Hex(5D455E)

Conversions

Conversions Part 1

Format	Color
Hex	5D455E
RGB	93, 69, 94
RGB Percent	36%, 27%, 37%
CMY	0.6353, 0.7294, 0.6314
CMYK	0.01, 0.27, 0.00, 0.63
HSL	298°, 15%, 32%
HSV	298°, 27%, 37%
XYZ	8.6627, 7.3916, 11.5598
YIQ	79.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

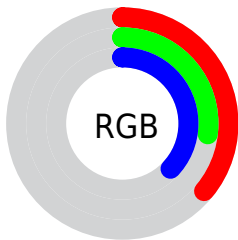
Format	Color
R_{YB}	93, 69, 94
Decimal	6112606
CIE _{Lab}	32.68, 15.18, -10.77
CIE _{LCh}	33, 18.608, 324.645
Yxy	7.3916, 0.3137, 0.2677
Android (android.graphics.Color)	4284302686 (0xFF5D455E)
YUV	79.0260, 7.3822, 12.2552
Hunter-Lab	27.1874, 9.2974, -6.1783

Details

The Hex color **5D455E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **465E45**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **907590**, and **2E1930** is the 20% darker color. If you saturate the color by 10%, you get **5D3C5E**, and if you desaturate by 10%, it is **5D4E5E**.

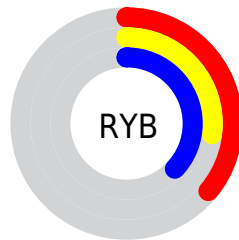
Distribution



Red (36%)

Green (27%)

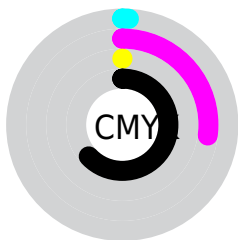
Blue (37%)



Red (36%)

Yellow (27%)

Blue (37%)

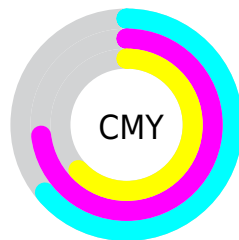


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (63%)



Cyan (64%)

Magenta (73%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D455E 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 5D455E by changing the saturation by 10% instead.

■ 5D455E

■ 5D455E

FFFFFF

■ 452E46

■ 907590

■ 2E1930

■ AA8FAB

■ 1B001B

■ C6AAC6

■ 000000

■ E2C5E2

■ FEE1FF

FFFEFF

■ 5D455E

■ 5D455E

■ 5D3C5E

■ 5D4E5E

■ 5C325E

■ 5E585E

■ 5C295E

■ 5E615E

■ 5B1F5E

■ 5F6B5E

■ 5B165E

■ 5F745E

■ 5B0D5E

■ 5F7D5E

■ 5A035E

■ 60875E

■ 5A005E

■ 60905E

■ 609A5E

Harmonies

Analogous

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



4B4A67



5D455E



684250

Triad

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



5D455E



594B30



1B5559

Complementary

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



5D455E



465E45

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.



28554A



5D455E



4A5032

Square

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



5D455E



654635



39533B



205364

Rectangle

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



5D455E



6A4246



39533B



1E5554

Sweetspot

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



5D455E



7A717A



45465E



3D373D



BDBDBD



3D3D3D

Same Dimension

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



5D455E



79537A



5E4553



2E292E



69006E



E400ED

Inverse Universe

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



5E4546



7A5355



455E50



2E2929



6E0004



ED0009

Previews

White Background



This preview shows how the Hex color 5D455E looks on a white background.

Color Contrast Check

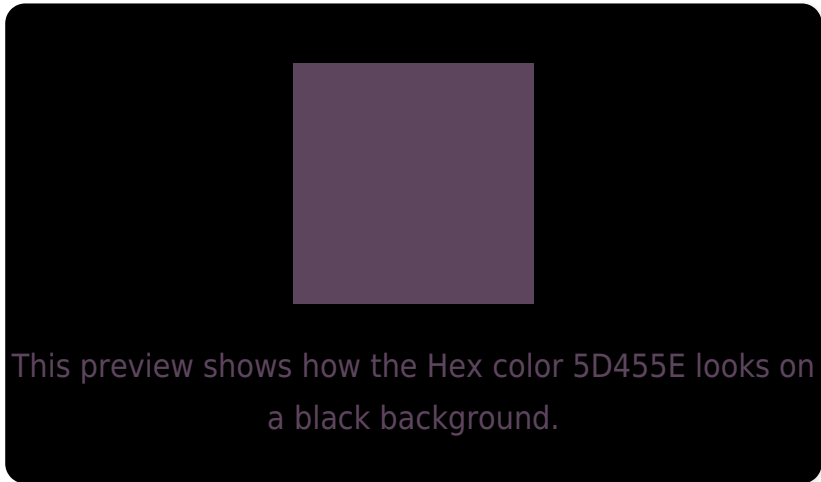
Large Text (above 18pt) WCAG AA ✓ Pass

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

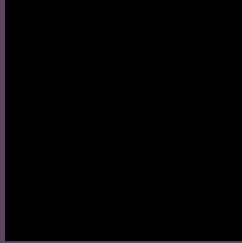
Any Text WCAG AA × Fail

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 5D455E Background



This preview shows how black text looks on a background with the Hex color 5D455E.



This preview shows how white text looks on a background with the Hex color 5D455E.

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](#).

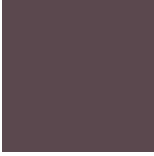
Dichromacy



Original Color
5D455E

Protanopia
474C63

Deuteranopia
4D4B5D



Tritanopia
5B484E

Trichromacy



Original Color
5D455E

Protanomaly
4F4961

Deuteranomaly
53495D

Tritanomaly
5C4754

Monochromacy



Original Color
5D455E

Achromatopsia
4F4F4F

Achromatomaly
544B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D455E 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 #5D455E looks like.

```
.text, #text, p{  
    color:#5D455E  
}
```

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 #5D455E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D455E
}
```

Border

The CSS property to change the border of an element to Hex 5D455E is called "border". The border property can be set on classes, ids or directly on the HTML element.

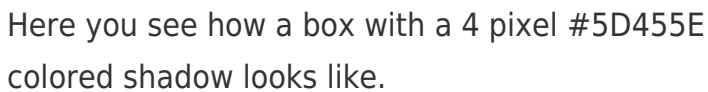
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D455E }
```

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

```
.border{ border-color:#5D455E }
```

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



Here you see how a box with a 4 pixel #5D455E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D455E; -webkit-box-shadow:4px 4px  
4px 4px #5D455E; box-shadow:4px 4px 4px  
4px #5D455E }
```

Background

The CSS property to change the background color of an element to Hex 5D455E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D455E }
```

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

```
.background{ background-color:#5D455E }
```

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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