

Converting Colors

Hex(52455E)

Have a look what the booklet for
Hex(52455E) contains.

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Color

Hex(52455E)

Conversions

Conversions Part 1

Format	Color
Hex	52455E
RGB	82, 69, 94
RGB Percent	32%, 27%, 37%
CMY	0.6784, 0.7294, 0.6314
CMYK	0.13, 0.27, 0.00, 0.63
HSL	271°, 15%, 32%
HSV	271°, 27%, 37%
XYZ	7.6282, 6.8582, 11.5114
YIQ	75.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

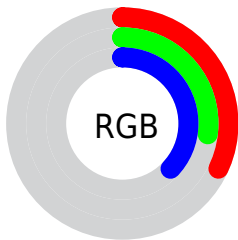
Format	Color
R_YB	82, 69, 94
Decimal	5391710
CIE _{Lab}	31.48, 11.01, -12.70
CIE _{LCh}	31, 16.811, 310.914
Yxy	6.8582, 0.2934, 0.2638
Android (android.graphics.Color)	4283581790 (0xFF52455E)
YUV	75.7370, 9.0037, 5.4927
Hunter-Lab	26.1882, 6.1645, -7.7300

Details

The Hex color **52455E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **515E45**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **847590**, and **251A30** is the 20% darker color. If you saturate the color by 10%, you get **4D3C5E**, and if you desaturate by 10%, it is **574E5E**.

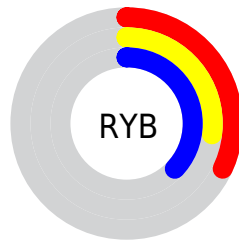
Distribution



Red (32%)

Green (27%)

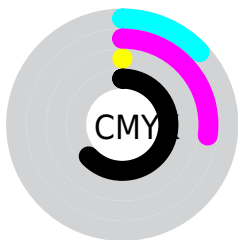
Blue (37%)



Red (32%)

Yellow (27%)

Blue (37%)

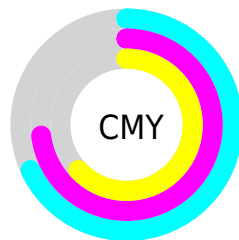


Cyan (13%)

Magenta (27%)

Yellow (0%)

Black (63%)



Cyan (68%)

Magenta (73%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52455E 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 52455E by changing the saturation by 10% instead.



52455E



52455E

FFFFFF



3B2F46



847590



251A30



9E8FAB



12001B



B9A9C6



000000



D5C5E2



F1E1FF



FFFDFF



52455E



52455E



4D3C5E



574E5E

■ 49325E

■ 5B585E

■ 44295E

■ 60615E

■ 401F5E

■ 646B5E

■ 3B165E

■ 69745E

■ 370D5E

■ 6D7D5E

■ 32035E

■ 72875E

■ 31005E

■ 76905E

■ 7B9A5E

Harmonies

Analogous

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



404A64



52455E



5F4153

Triad

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



52455E



5B4631



23514F

Complementary

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



52455E



515E45

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.



305141



52455E



4E4B30

Square

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



52455E



634239



404E36



20505B

Rectangle

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



52455E



63404A



404E36



27514A

Sweetspot

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



52455E



76717A



45515E



3A373D



BDBDBD



3D3D3D

Same Dimension

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



52455E



68537A



5E455E



2C292E



39006E



7B00ED

Inverse Universe

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



5E4551



7A5366



455E45



2E292C



6E0035



ED0072

Previews

White Background



This preview shows how the Hex color 52455E looks on a white background.

Color Contrast Check

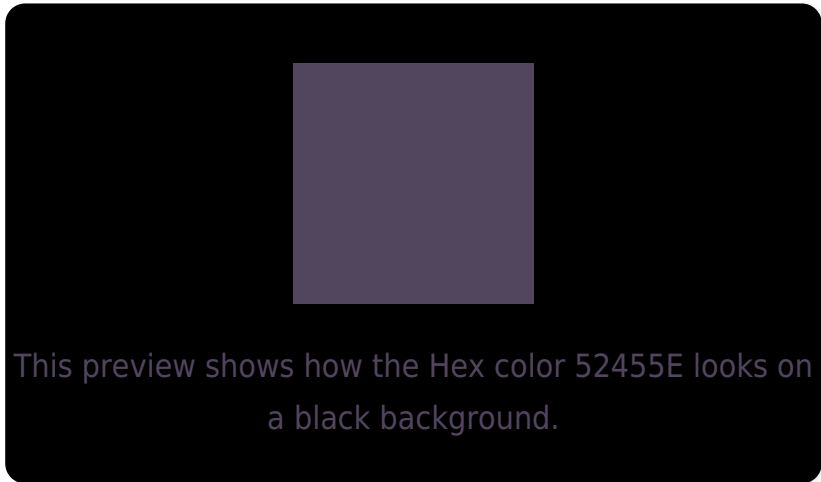
Large Text (above 18pt) WCAG AA ✓ Pass

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

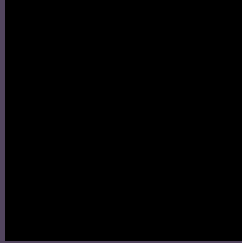
Any Text WCAG AA × Fail

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 52455E Background



This preview shows how black text looks on a background with the Hex color 52455E.

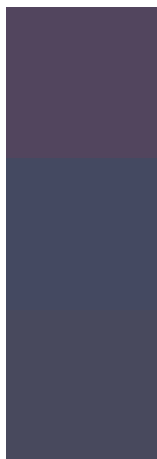


This preview shows how white text looks on a background with the Hex color 52455E.

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](#).

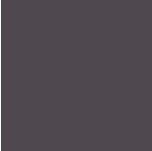
Dichromacy



Original Color
52455E

Protanopia
444961

Deuteranopia
48495D



Tritanopia
4F484E

Trichromacy



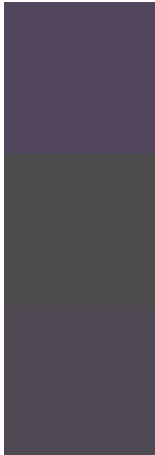
Original Color
52455E

Protanomaly
494860

Deuteranomaly
4C485D

Tritanomaly
504754

Monochromacy



Original Color
52455E

Achromatopsia
4C4C4C

Achromatomaly
4E4953

CSS Examples

Text

The CSS property to change the color of the text to Hex 52455E 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 #52455E looks like.

```
.text, #text, p{  
    color:#52455E  
}
```

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 #52455E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52455E
}
```

Border

The CSS property to change the border of an element to Hex 52455E is called "border". The border property can be set on classes, ids or directly on the HTML element.

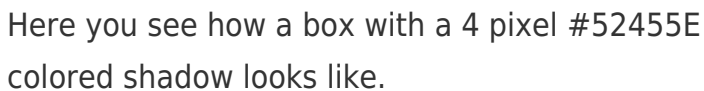
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52455E }
```

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

```
.border{ border-color:#52455E }
```

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



Here you see how a box with a 4 pixel #52455E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52455E; -webkit-box-shadow:4px 4px  
4px 4px #52455E; box-shadow:4px 4px 4px  
4px #52455E }
```

Background

The CSS property to change the background color of an element to Hex 52455E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52455E }
```

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

```
.background{ background-color:#52455E }
```

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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