

Converting Colors

Hex(554E73)

Have a look what the booklet for
Hex(554E73) contains.

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Color

Hex(554E73)

Conversions

Conversions Part 1

Format	Color
Hex	554E73
RGB	85, 78, 115
RGB Percent	33%, 31%, 45%
CMY	0.6667, 0.6941, 0.5490
CMYK	0.26, 0.32, 0.00, 0.55
HSL	251°, 19%, 38%
HSV	251°, 32%, 45%
XYZ	9.5652, 8.6179, 17.3789
YIQ	84.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

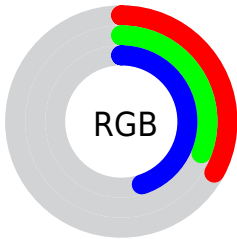
Format	Color
R_{YB}	85, 78, 115
Decimal	5590643
CIE _{Lab}	35.24, 11.72, -20.15
CIE _{LCh}	35, 23.307, 300.183
Yxy	8.6179, 0.2690, 0.2423
Android (android.graphics.Color)	4283780723 (0xFF554E73)
YUV	84.3110, 15.1297, 0.6043
Hunter-Lab	29.3562, 6.7877, -14.5504

Details

The Hex color **554E73** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6C734E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **877FA7**, and **262243** is the 20% darker color. If you saturate the color by 10%, you get **4C4373**, and if you desaturate by 10%, it is **5E5A73**.

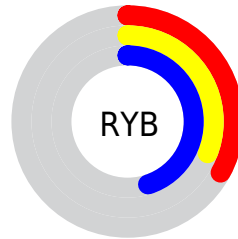
Distribution



Red (33%)

Green (31%)

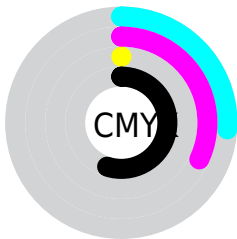
Blue (45%)



Red (33%)

Yellow (31%)

Blue (45%)

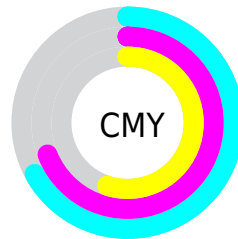


Cyan (26%)

Magenta (32%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 554E73 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 554E73 by changing the saturation by 10% instead.

■ 554E73

■ 554E73

FFFFFF

■ 3D375A

■ 877FA7

■ 262243

■ A299C2

■ 110C2C

■ BDB4DE

■ 000117

■ D9CFFB

■ 000000

■ F6ECFF

■ 554E73

■ 554E73

■ 4C4373

■ 5E5A73

■ 423773

■ 686573

■ 392C73

■ 717173

■ 302073

■ 7A7C73

■ 261573

■ 848873

■ 1D0973

■ 8D9373

■ 160073

■ 969F73

■ A0AA73

■ A9B673

Harmonies

Analogous

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



375578



554E73



6A4866

Triad

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



554E73



6E4B33



1A5D52

Complementary

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



554E73



6C734E

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.



355B40



554E73



5F522D

Square

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



554E73



764641



4C5732



005C65

Rectangle

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



554E73



73455A



4C5732



245C4C

Sweetspot

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



554E73



8A8796



4E6C73



45434D



CCCCCC



4D4D4D

Same Dimension

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



554E73



675C96



674E73



36353B



17007A



2F00FA

Inverse Universe

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



734E6C



965C8B



5A734E



3B353A



7A0063



FA00CB

Previews

White Background



This preview shows how the Hex color 554E73 looks on a white background.

Color Contrast Check

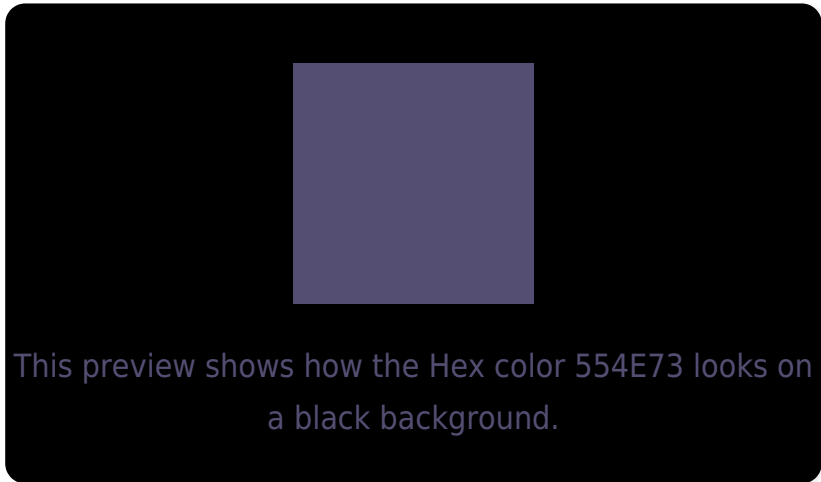
Large Text (above 18pt) WCAG AA ✓ Pass

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

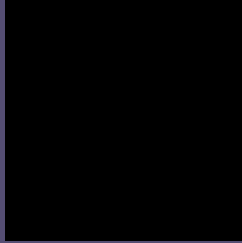
Any Text WCAG AA × Fail

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 554E73 Background



This preview shows how black text looks on a background with the Hex color 554E73.

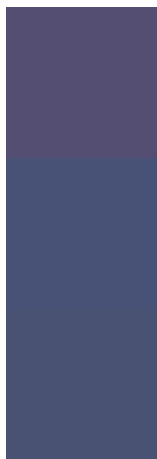


This preview shows how white text looks on a background with the Hex color 554E73.

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](#).

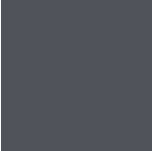
Dichromacy



Original Color
554E73

Protanopia
485276

Deuteranopia
495272



Tritanopia
50535A

Trichromacy



Original Color

554E73

Protanomaly

4D5175

Deuteranomaly

4D5172

Tritanomaly

525163

Monochromacy



Original Color

554E73

Achromatopsia

545454

Achromatomaly

54525F

CSS Examples

Text

The CSS property to change the color of the text to Hex 554E73 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 #554E73 looks like.

```
.text, #text, p{  
    color:#554E73  
}
```

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 #554E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #554E73  
}
```

Border

The CSS property to change the border of an element to Hex 554E73 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  
#554E73 }
```

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

```
.border{ border-color:#554E73 }
```

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

Here you see how a box with a 4 pixel #554E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #554E73; -webkit-box-shadow:4px 4px  
4px 4px #554E73; box-shadow:4px 4px 4px  
4px #554E73 }
```

Background

The CSS property to change the background color of an element to Hex 554E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#554E73 }
```

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

```
.background{ background-color:#554E73 }
```

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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