

Converting Colors

Hex(53627E)

Have a look what the booklet for
Hex(53627E) contains.

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Color

Hex(53627E)

Conversions

Conversions Part 1

Format	Color
Hex	53627E
RGB	83, 98, 126
RGB Percent	33%, 38%, 49%
CMY	0.6745, 0.6157, 0.5059
CMYK	0.34, 0.22, 0.00, 0.51
HSL	219°, 21%, 41%
HSV	219°, 34%, 49%
XYZ	11.7009, 12.0807, 21.4538
YIQ	96.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

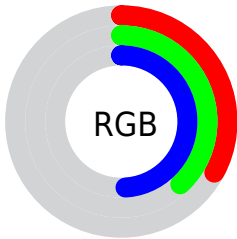
Format	Color
R_{YB}	83, 94, 126
Decimal	5464702
CIE Lab	41.34, 1.56, -17.51
CIE LCh	41, 17.580, 275.084
Yxy	12.0807, 0.2587, 0.2671
Android (android.graphics.Color)	4283654782 (0xFF53627E)
YUV	96.7070, 14.4414, -12.0210
Hunter-Lab	34.7573, -0.7343, -12.2663

Details

The Hex color **53627E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7E6F53**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8695B3**, and **23344D** is the 20% darker color. If you saturate the color by 10%, you get **465A7E**, and if you desaturate by 10%, it is **606A7E**.

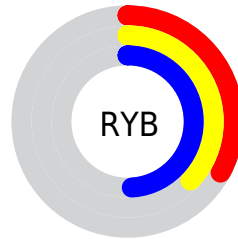
Distribution



Red (33%)

Green (38%)

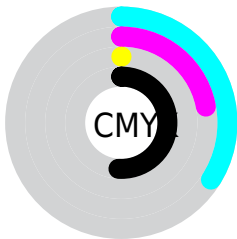
Blue (49%)



Red (33%)

Yellow (37%)

Blue (49%)

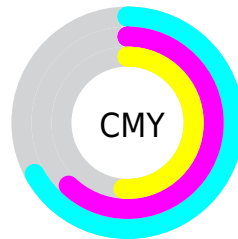


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53627E 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 53627E by changing the saturation by 10% instead.

■ 53627E

■ 53627E

FFFFFF

■ 3B4A65

■ 8695B3

■ 23344D

■ A0AFCE

■ 0B1F36

■ BCCBEB

■ 000521

■ D8E7FF

■ 000006

■ F4FFFF

■ 000000

■ 53627E

■ 53627E

■ 465A7E

■ 606A7E

■ 3A527E

■ 6C727E

■ 2D497E

■ 797B7E

■ 21417E

■ 85837E

■ 14397E

■ 928B7E

■ 07317E

■ 9F937E

■ 002C7E

■ AB9B7E

■ B8A47E

■ C4AC7E

Harmonies

Analogous

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



40667B



53627E



675D79

Triad

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



53627E



7E5852



496955

Complementary

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



53627E



7E6F53

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.



5A664A



53627E



765D48

Square

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



53627E



7E5760



6A6145



3B6A64

Rectangle

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



53627E



725A72



6A6145



4F6851

Sweetspot

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



53627E



9399A3



537E6F



484B52



D1D1D1



525252

Same Dimension

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



53627E



6078A3



59537E



393C40



002C80



000000

Inverse Universe

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



7E5362



A36078



787E53



40393C



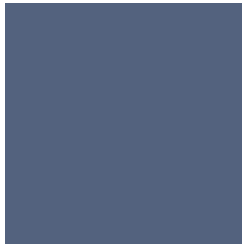
80002C



000000

Previews

White Background



This preview shows how the Hex color 53627E looks on a white background.

Color Contrast Check

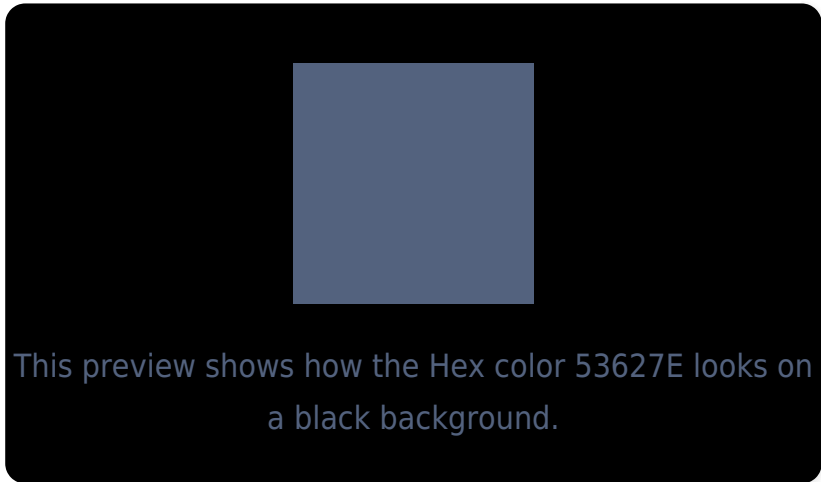
Large Text (above 18pt) WCAG AA ✓ Pass

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

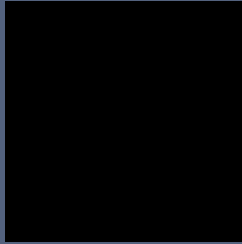
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

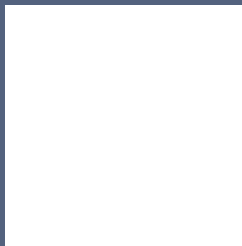
Any Text WCAG AAA × Fail

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

Hex 53627E Background



This preview shows how black text looks on a background with the Hex color 53627E.

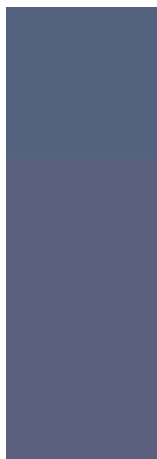


This preview shows how white text looks on a background with the Hex color 53627E.

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
53627E

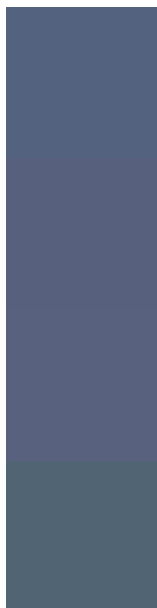
Protanopia
5A607D

Deuteranopia
5B607E



Tritanopia
4F656D

Trichromacy



Original Color

53627E

Protanomaly

57617D

Deuteranomaly

58617E

Tritanomaly

506473

Monochromacy



Original Color

53627E

Achromatopsia

616161

Achromatomaly

5C616C

CSS Examples

Text

The CSS property to change the color of the text to Hex 53627E 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 #53627E looks like.

```
.text, #text, p{  
    color:#53627E  
}
```

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 #53627E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53627E
}
```

Border

The CSS property to change the border of an element to Hex 53627E is called "border". The border property can be set on classes, ids or directly on the HTML element.

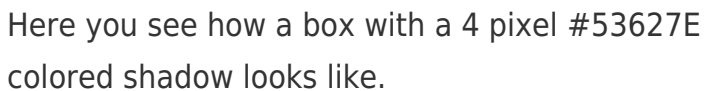
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53627E }
```

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

```
.border{ border-color:#53627E }
```

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



Here you see how a box with a 4 pixel #53627E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53627E; -webkit-box-shadow:4px 4px  
4px 4px #53627E; box-shadow:4px 4px 4px  
4px #53627E }
```

Background

The CSS property to change the background color of an element to Hex 53627E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53627E }
```

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

```
.background{ background-color:#53627E }
```

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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