

Converting Colors

Hex(41627B)

Have a look what the booklet for
Hex(41627B) contains.

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Color

Hex(41627B)

Conversions

Conversions Part 1

Format	Color
Hex	41627B
RGB	65, 98, 123
RGB Percent	25%, 38%, 48%
CMY	0.7451, 0.6157, 0.5176
CMYK	0.47, 0.20, 0.00, 0.52
HSL	206°, 31%, 37%
HSV	206°, 47%, 48%
XYZ	10.1228, 11.2892, 20.3844
YIQ	90.9830, -27.6930, 0.7790

Conversions

Conversions Part 2

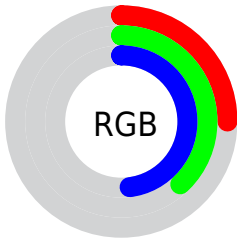
Format	Color
R_{YB}	65, 86, 123
Decimal	4285051
CIE _{Lab}	40.06, -4.65, -17.75
CIE _{LCh}	40, 18.350, 255.329
Yxy	11.2892, 0.2422, 0.2701
Android (android.graphics.Color)	4282475131 (0xFF41627B)
YUV	90.9830, 15.7844, -22.7871
Hunter-Lab	33.5995, -5.0208, -12.4509

Details

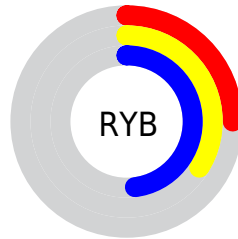
The Hex color **41627B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B5A41**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7495B0**, and **0C344A** is the 20% darker color. If you saturate the color by 10%, you get **355D7B**, and if you desaturate by 10%, it is **4D677B**.

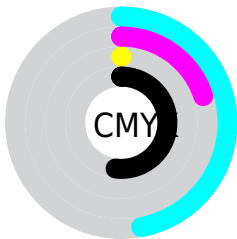
Distribution



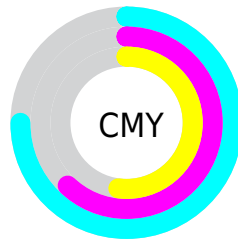
- Red (25%)
- Green (38%)
- Blue (48%)



- Red (25%)
- Yellow (34%)
- Blue (48%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41627B 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 41627B by changing the saturation by 10% instead.

■ 41627B

■ 41627B

FFFFFF

■ 284A62

■ 7495B0

■ 0C344A

■ 8EAFCB

■ 001F33

■ AACBE7

■ 00021F

■ C5E7FF

■ 000002

■ E2FFFF

■ 000000

■ 41627B

■ 41627B

■ 355D7B

■ 4D677B

■ 28577B

■ 5A6D7B

■ 1C527B

■ 66727B

■ 104D7B

■ 72777B

■ 03477B

■ 7E7D7B

■ 00467B

■ 8B827B

■ 97877B

■ A38C7B

■ B0927B

Harmonies

Analogous

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



326573



41627B



565D7B

Triad

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



41627B



7D5457



506449

Complementary

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



41627B



7B5A41

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.



616041



41627B



7A564A

Square

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



41627B



775466



705B42



3F6656

Rectangle

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



41627B



645A77



705B42



566346

Sweetspot

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



41627B



8A97A1



417B59



444C52



D1D1D1



525252

Same Dimension

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



41627B



4579A1



41467B



373B3D



00477D



0090FC

Inverse Universe

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



7B4162



A14579



7B7641



3D373B



7D0047



FC0090

Previews

White Background



This preview shows how the Hex color 41627B looks on a white background.

Color Contrast Check

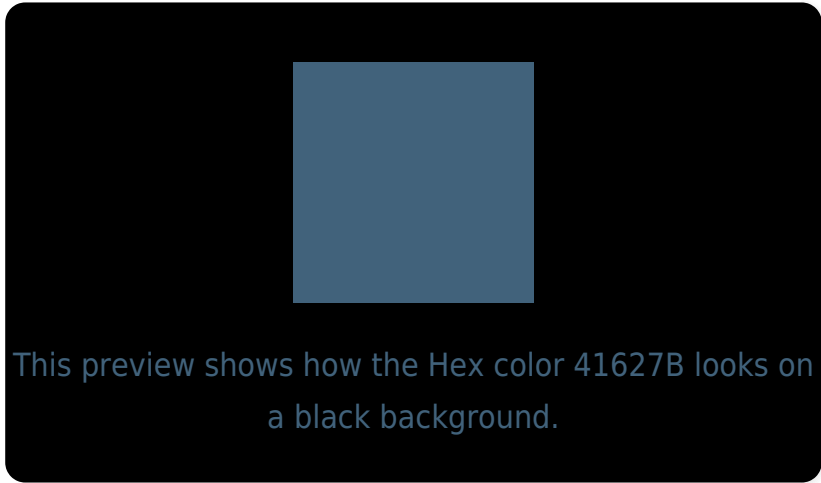
Large Text (above 18pt) WCAG AA ✓ Pass

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

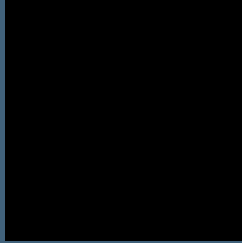
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

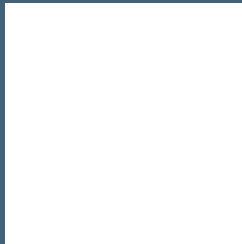
Any Text WCAG AAA × Fail

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

Hex 41627B Background



This preview shows how black text looks on a background with the Hex color 41627B.

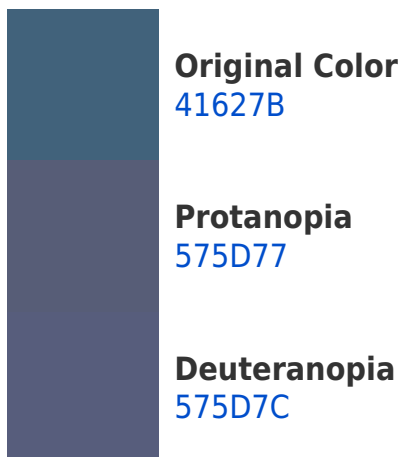



This preview shows how white text looks on a background with the Hex color 41627B.

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





Tritanopia
3D656D

Trichromacy



Original Color
41627B

Protanomaly
4F5F78

Deuteranomaly
4F5F7C

Tritanomaly
3E6472

Monochromacy



Original Color
41627B

Achromatopsia
5B5B5B

Achromatomaly
525E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 41627B 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 #41627B looks like.

```
.text, #text, p{  
    color:#41627B  
}
```

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 #41627B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41627B  
}
```

Border

The CSS property to change the border of an element to Hex 41627B 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  
#41627B }
```

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

```
.border{ border-color:#41627B }
```

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

Here you see how a box with a 4 pixel #41627B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41627B; -webkit-box-shadow:4px 4px  
4px 4px #41627B; box-shadow:4px 4px 4px  
4px #41627B }
```

Background

The CSS property to change the background color of an element to Hex 41627B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41627B }
```

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

```
.background{ background-color:#41627B }
```

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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