

Converting Colors

Hex(626285)

Have a look what the booklet for
Hex(626285) contains.

Hex(626285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(626285)

Conversions

Conversions Part 1

Format	Color
Hex	626285
RGB	98, 98, 133
RGB Percent	38%, 38%, 52%
CMY	0.6157, 0.6157, 0.4784
CMYK	0.26, 0.26, 0.00, 0.48
HSL	240°, 15%, 45%
HSV	240°, 26%, 52%
XYZ	13.6383, 13.0255, 23.9857
YIQ	101.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

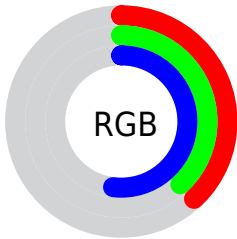
Format	Color
R_{YB}	98, 98, 133
Decimal	6447749
CIE _{Lab}	42.80, 8.31, -19.41
CIE _{LCh}	43, 21.111, 293.179
Yxy	13.0255, 0.2693, 0.2572
Android (android.graphics.Color)	4284637829 (0xFF626285)
YUV	101.9900, 15.2879, -3.4992
Hunter-Lab	36.0908, 4.2942, -14.1400

Details

The Hex color **626285** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **858562**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9595BA**, and **323453** is the 20% darker color. If you saturate the color by 10%, you get **555585**, and if you desaturate by 10%, it is **6F6F85**.

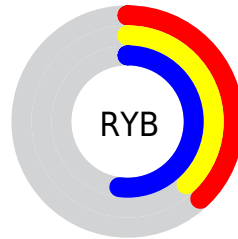
Distribution



Red (38%)

Green (38%)

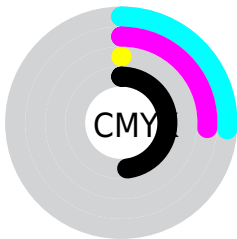
Blue (52%)



Red (38%)

Yellow (38%)

Blue (52%)

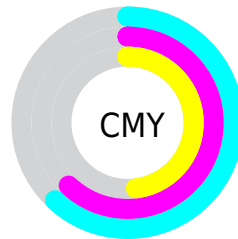


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 626285 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 626285 by changing the saturation by 10% instead.

■ 626285

■ 626285

FFFFFF

■ 4A4A6C

■ 9595BA

■ 323453

■ B0AFD6

■ 1C1F3C

■ CCCBF2

■ 060626

■ E8E7FF

■ 000110

■ 000000

■ 626285

■ 626285

■ 555585

■ 6F6F85

■ 474785

■ 7D7D85

■ 3A3A85

■ 8A8A85

■ 2D2D85

■ 979785

■ 202085

■ A5A585

■ 121285

■ B2B285

■ 050585

■ BFBF85

■ 000085

■ CCCC85

■ DADA85

Harmonies

Analogous

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



486887



626285



775C7A

Triad

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



626285



825D4A



3B6E60

Complementary

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



626285



858562

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.



4F6C50



626285



756343

Square

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



626285



885958



636845



2D6E72

Rectangle

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



626285



815970



636845



426E5A

Sweetspot

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



626285



A0A0AD



628585



4E4E57



D6D6D6



575757

Same Dimension

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



626285



7676AD



746285



3C3C42



000082



000003

Inverse Universe

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



856285



AD76AD



748562



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 626285 looks on a white background.

Color Contrast Check

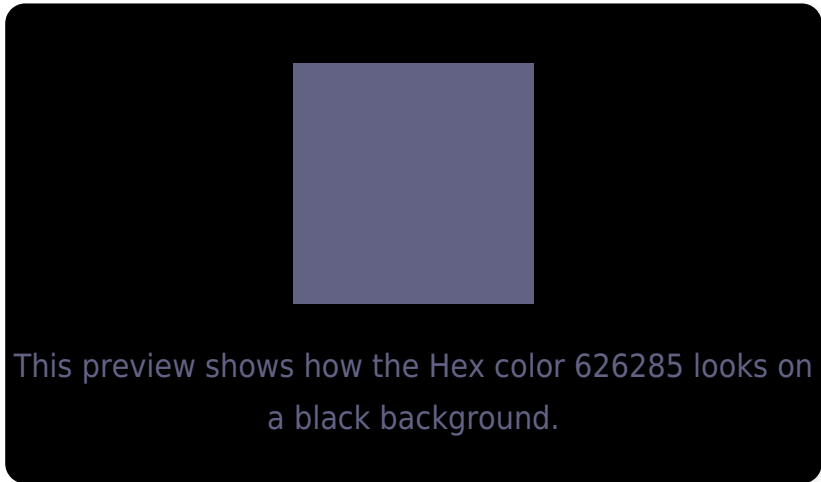
Large Text (above 18pt) WCAG AA ✓ Pass

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

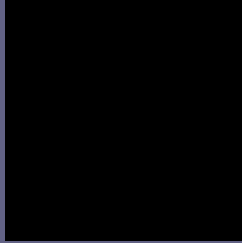
Any Text WCAG AA × Fail

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 626285 Background



This preview shows how black text looks on a background with the Hex color 626285.



This preview shows how white text looks on a background with the Hex color 626285.

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](#).

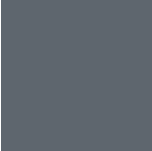
Dichromacy



Original Color
626285

Protanopia
5B6486

Deuteranopia
5E6385



Tritanopia
5E666E

Trichromacy



Original Color
626285

Protanomaly
5E6386

Deuteranomaly
5F6385

Tritanomaly
5F6576

Monochromacy



Original Color
626285

Achromatopsia
666666

Achromatomaly
656571

CSS Examples

Text

The CSS property to change the color of the text to Hex 626285 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 #626285 looks like.

```
.text, #text, p{  
    color:#626285  
}
```

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 #626285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626285
}
```

Border

The CSS property to change the border of an element to Hex 626285 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
#626285 }
```

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

```
.border{ border-color:#626285 }
```

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

Here you see how a box with a 4 pixel #626285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626285; -webkit-box-shadow:4px 4px  
4px 4px #626285; box-shadow:4px 4px 4px  
4px #626285 }
```

Background

The CSS property to change the background color of an element to Hex 626285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626285 }
```

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

```
.background{ background-color:#626285 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor