

Converting Colors

Hex(626975)

Have a look what the booklet for
Hex(626975) contains.

Hex(626975)	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(626975)

Conversions

Conversions Part 1

Format	Color
Hex	626975
RGB	98, 105, 117
RGB Percent	38%, 41%, 46%
CMY	0.6157, 0.5882, 0.5412
CMYK	0.16, 0.10, 0.00, 0.54
HSL	218°, 9%, 42%
HSV	218°, 16%, 46%
XYZ	13.2995, 13.9842, 18.8279
YIQ	104.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

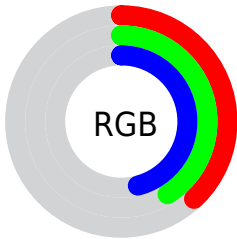
Format	Color
R_{YB}	98, 103, 117
Decimal	6449525
CIE _{Lab}	44.21, 0.05, -7.61
CIE _{LCh}	44, 7.613, 270.388
Yxy	13.9842, 0.2884, 0.3033
Android (android.graphics.Color)	4284639605 (0xFF626975)
YUV	104.2750, 6.2734, -5.5032
Hunter-Lab	37.3954, -1.9595, -3.6746

Details

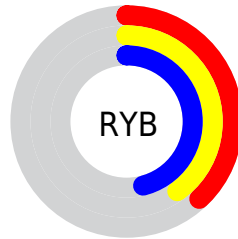
The Hex color **626975** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756E62**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **959CA9**, and **333A45** is the 20% darker color. If you saturate the color by 10%, you get **566275**, and if you desaturate by 10%, it is **6E7075**.

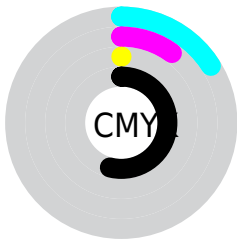
Distribution



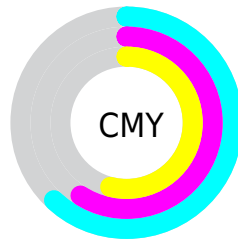
- Red (38%)
- Green (41%)
- Blue (46%)



- Red (38%)
- Yellow (40%)
- Blue (46%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (54%)



- Cyan (62%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 626975 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 626975 by changing the saturation by 10% instead.

■ 626975

■ 626975

FFFFFF

■ 4A515C

■ 959CA9

■ 333A45

■ B0B7C4

■ 1E242F

■ CBD3E0

■ 070F1A

■ E7E9FD

■ 000000

■ 626975

■ 626975

■ 566275

■ 6E7075

■ 4B5A75

■ 797875

■ 3F5375

■ 857F75

■ 334B75

■ 918775

■ 284475

■ 9D8E75

■ 1C3D75

■ A89575

■ 103575

■ B49D75

■ 042E75

■ C0A475

■ 002B75

■ CBAC75

Harmonies

Analogous

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



5C6B73



626975



6A6773

Triad

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



626975



766562



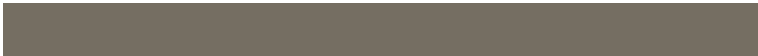
5F6C62

Complementary

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



626975



756E62

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.



676A5E



626975



73665E

Square

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



626975



756469



6E685C



5A6C68

Rectangle

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



626975



6F6671



6E685C



626B60

Sweetspot

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



626975



919499



62756E



484A4D



CCCCCC



4D4D4D

Same Dimension

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



626975



7C8799



646275



35373B



002D7A



005CFA

Inverse Universe

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



756269



997C87



737562



3B3537



7A002D



FA005C

Previews

White Background



This preview shows how the Hex color 626975 looks on a white background.

Color Contrast Check

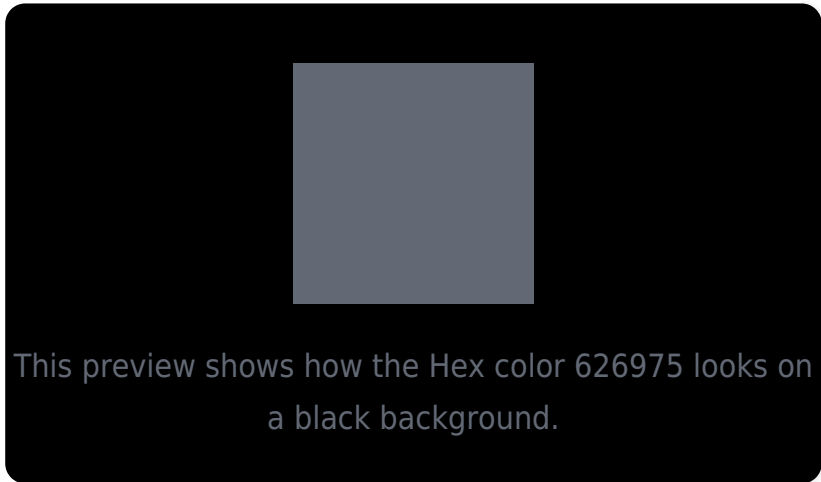
Large Text (above 18pt) WCAG AA ✓ Pass

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

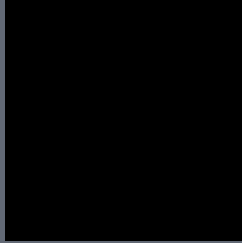
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

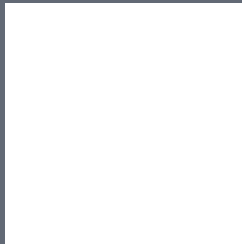
Any Text WCAG AAA × Fail

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

Hex 626975 Background



This preview shows how black text looks on a background with the Hex color 626975.



This preview shows how white text looks on a background with the Hex color 626975.

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
626975

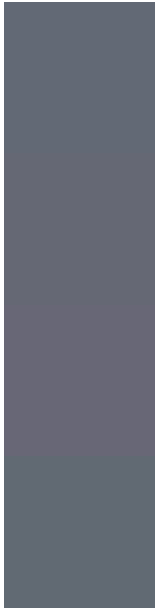
Protanopia
676874

Deuteranopia
6C6676



Tritanopia
616A72

Trichromacy



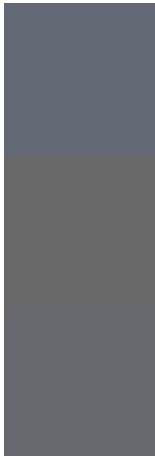
Original Color
626975

Protanomaly
656874

Deuteranomaly
686776

Tritanomaly
616A73

Monochromacy



Original Color
626975

Achromatopsia
686868

Achromatomaly
66686D

CSS Examples

Text

The CSS property to change the color of the text to Hex 626975 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 #626975 looks like.

```
.text, #text, p{  
    color:#626975  
}
```

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 #626975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626975  
}
```

Border

The CSS property to change the border of an element to Hex 626975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

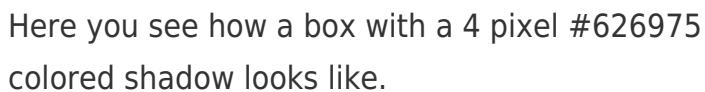
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#626975 }
```

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

```
.border{ border-color:#626975 }
```

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



Here you see how a box with a 4 pixel #626975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626975; -webkit-box-shadow:4px 4px  
4px 4px #626975; box-shadow:4px 4px 4px  
4px #626975 }
```

Background

The CSS property to change the background color of an element to Hex 626975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626975 }
```

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

```
.background{ background-color:#626975 }
```

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