

Converting Colors

Hex(646270)

Have a look what the booklet for
Hex(646270) contains.

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Color

Hex(646270)

Conversions

Conversions Part 1

Format	Color
Hex	646270
RGB	100, 98, 112
RGB Percent	39%, 38%, 44%
CMY	0.6078, 0.6157, 0.5608
CMYK	0.11, 0.13, 0.00, 0.56
HSL	249°, 7%, 41%
HSV	249°, 12%, 44%
XYZ	12.5478, 12.6145, 17.1027
YIQ	100.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

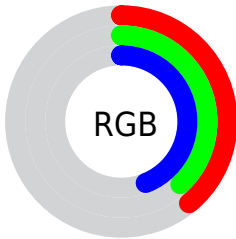
Format	Color
R_{YB}	100, 98, 112
Decimal	6578800
CIE Lab	42.18, 3.83, -7.61
CIE LCh	42, 8.517, 296.738
Yxy	12.6145, 0.2969, 0.2985
Android (android.graphics.Color)	4284768880 (0xFF646270)
YUV	100.1940, 5.8204, -0.1701
Hunter-Lab	35.5170, 0.9079, -3.6885

Details

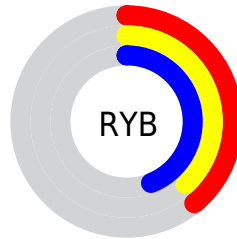
The Hex color **646270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7062**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9795A4**, and **353440** is the 20% darker color. If you saturate the color by 10%, you get **5A5770**, and if you desaturate by 10%, it is **6E6D70**.

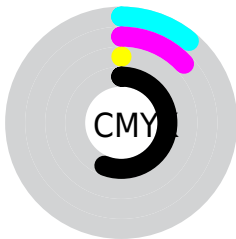
Distribution



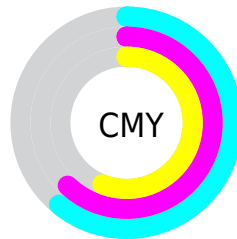
- Red (39%)
- Green (38%)
- Blue (44%)



- Red (39%)
- Yellow (38%)
- Blue (44%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646270 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 646270 by changing the saturation by 10% instead.

■ 646270

■ 646270

FFFFFF

■ 4C4A58

■ 9795A4

■ 353440

■ B2AFBF

■ 201F2A

■ CDCBDB

■ 090616

■ E9E7F7

■ 000000

■ 646270

■ 646270

■ 5A5770

■ 6E6D70

■ 514C70

■ 777870

■ 474070

■ 818470

■ 3E3570

■ 8A8F70

■ 342A70

■ 949A70

■ 2A1F70

■ 9EA570

■ 211470

■ A7B070

■ 170870

■ B1BC70

■ 100070

■ BAC770

Harmonies

Analogous

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



5B6471



646270



6C606B

Triad

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



646270



706158



546862

Complementary

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



646270



6E7062

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.



5A675C



646270



6A6356

Square

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



646270



735F5E



626557



52686A

Rectangle

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



646270



705F67



626557



566760

Sweetspot

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



646270



8C8C91



626E70



47464A



C9C9C9



4A4A4A

Same Dimension

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



646270



7F7C91



6B6270



333238



110078



2300F7

Inverse Universe

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



70626E



917C8E



677062



383237



780067



F700D4

Previews

White Background



This preview shows how the Hex color 646270 looks on a white background.

Color Contrast Check

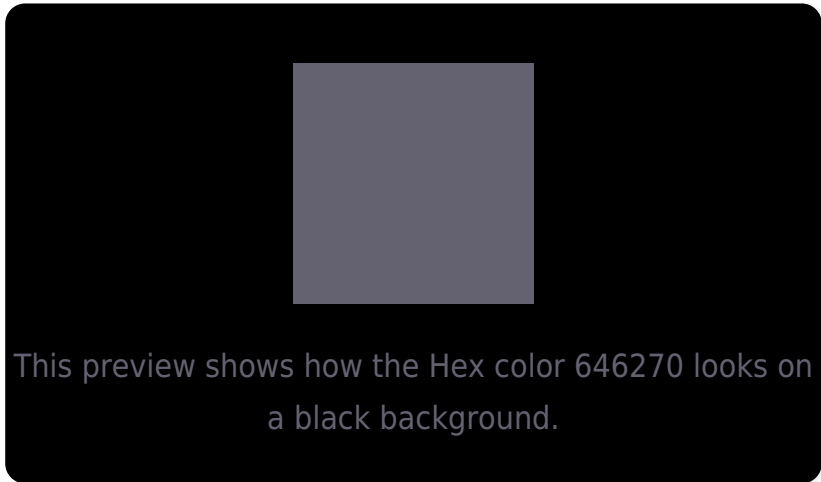
Large Text (above 18pt) WCAG AA ✓ Pass

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

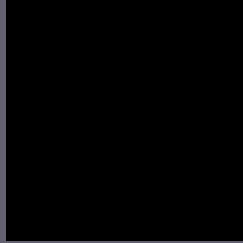
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

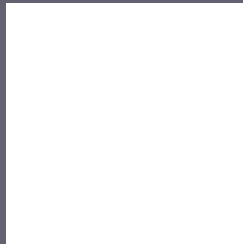
Any Text WCAG AAA × Fail

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

Hex 646270 Background



This preview shows how black text looks on a background with the Hex color 646270.

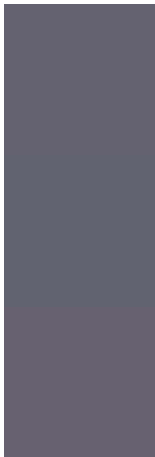


This preview shows how white text looks on a background with the Hex color 646270.

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
646270

Protanopia
616370

Deuteranopia
676170



Tritanopia
63636B

Trichromacy



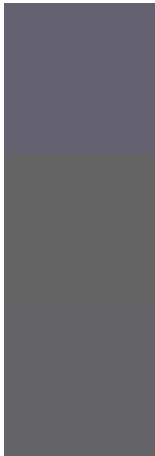
Original Color
646270

Protanomaly
626370

Deuteranomaly
666170

Tritanomaly
63636D

Monochromacy



Original Color
646270

Achromatopsia
646464

Achromatomaly
646368

CSS Examples

Text

The CSS property to change the color of the text to Hex 646270 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 #646270 looks like.

```
.text, #text, p{  
    color:#646270  
}
```

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 #646270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646270
}
```

Border

The CSS property to change the border of an element to Hex 646270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

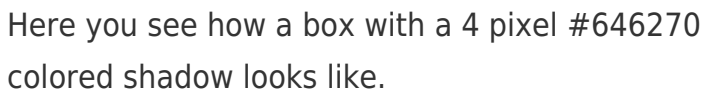
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646270 }
```

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

```
.border{ border-color:#646270 }
```

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



Here you see how a box with a 4 pixel #646270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646270; -webkit-box-shadow:4px 4px  
4px 4px #646270; box-shadow:4px 4px 4px  
4px #646270 }
```

Background

The CSS property to change the background color of an element to Hex 646270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646270 }
```

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

```
.background{ background-color:#646270 }
```

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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