

Converting Colors

Hex(646072)

Have a look what the booklet for
Hex(646072) contains.

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Color

Hex(646072)

Conversions

Conversions Part 1

Format	Color
Hex	646072
RGB	100, 96, 114
RGB Percent	39%, 38%, 45%
CMY	0.6078, 0.6235, 0.5529
CMYK	0.12, 0.16, 0.00, 0.55
HSL	253°, 9%, 41%
HSV	253°, 16%, 45%
XYZ	12.4757, 12.2900, 17.6343
YIQ	99.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

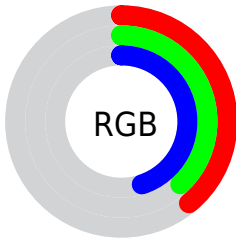
Format	Color
R_{YB}	100, 96, 114
Decimal	6578290
CIE Lab	41.67, 5.51, -9.58
CIE LCh	42, 11.053, 299.914
Yxy	12.2900, 0.2942, 0.2899
Android (android.graphics.Color)	4284768370 (0xFF646072)
YUV	99.2480, 7.2727, 0.6595
Hunter-Lab	35.0571, 2.1725, -5.2839

Details

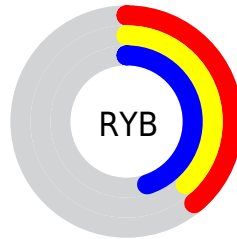
The Hex color **646072** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7260**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9792A6**, and **353242** is the 20% darker color. If you saturate the color by 10%, you get **5B5572**, and if you desaturate by 10%, it is **6D6B72**.

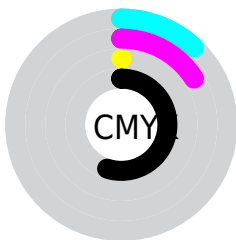
Distribution



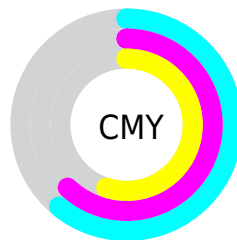
- Red (39%)
- Green (38%)
- Blue (45%)



- Red (39%)
- Yellow (38%)
- Blue (45%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646072 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 646072 by changing the saturation by 10% instead.



646072



646072

FFFFFF



4C4859



9792A6



353242



B2ADC1



201D2C



CDC8DD



090318



E9E4F9



000000



646072



646072



5B5572



6D6B72



524972



767772



493E72



7F8272

■ 413272

■ 878E72

■ 382772

■ 909972

■ 2F1C72

■ 99A472

■ 261072

■ A2B072

■ 1D0572

■ AB BB72

■ 190072

■ B4C772

Harmonies

Analogous

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



586374



646072



6E5D6C

Triad

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



646072



715F53



4D6862

Complementary

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



646072



6E7260

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.



556759



646072



6A6250

Square

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



646072



755D5A



606552



4A676B

Rectangle

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



646072



735C66



606552



4F675F

Sweetspot

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



646072



8E8D94



606E72



46464A



C9C9C9



4A4A4A

Same Dimension

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



646072



7E7894



6D6072



343238



1B0078



3700F7

Inverse Universe

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



72606E



94788E



657260



383237



78005D



F700C0

Previews

White Background



This preview shows how the Hex color 646072 looks on a white background.

Color Contrast Check

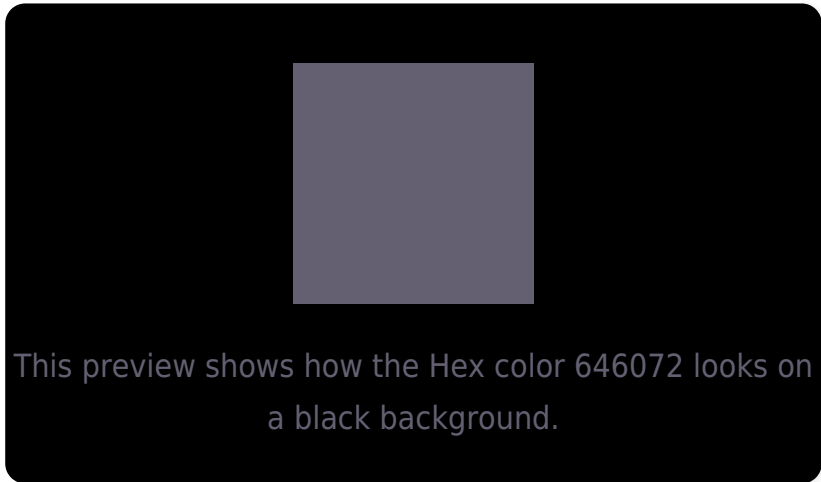
Large Text (above 18pt) WCAG AA ✓ Pass

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

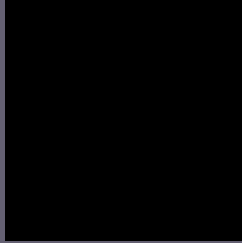
Any Text WCAG AA × Fail

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 646072 Background



This preview shows how black text looks on a background with the Hex color 646072.



This preview shows how white text looks on a background with the Hex color 646072.

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
646072

Protanopia
5F6173

Deuteranopia
646072



Tritanopia
636269

Trichromacy



Original Color
646072

Protanomaly
616173

Deuteranomaly
646072

Tritanomaly
63616C

Monochromacy



Original Color
646072

Achromatopsia
636363

Achromatomaly
636268

CSS Examples

Text

The CSS property to change the color of the text to Hex 646072 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 #646072 looks like.

```
.text, #text, p{  
    color:#646072  
}
```

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 #646072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646072
}
```

Border

The CSS property to change the border of an element to Hex 646072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

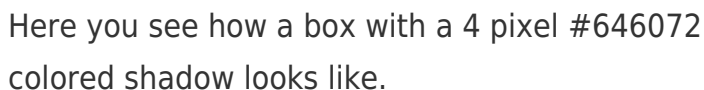
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646072 }
```

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

```
.border{ border-color:#646072 }
```

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



Here you see how a box with a 4 pixel #646072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646072; -webkit-box-shadow:4px 4px  
4px 4px #646072; box-shadow:4px 4px 4px  
4px #646072 }
```

Background

The CSS property to change the background color of an element to Hex 646072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646072 }
```

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

```
.background{ background-color:#646072 }
```

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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