

Converting Colors

Hex(505672)

Have a look what the booklet for
Hex(505672) contains.

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Color

Hex(505672)

Conversions

Conversions Part 1

Format	Color
Hex	505672
RGB	80, 86, 114
RGB Percent	31%, 34%, 45%
CMY	0.6863, 0.6627, 0.5529
CMYK	0.30, 0.25, 0.00, 0.55
HSL	229°, 18%, 38%
HSV	229°, 30%, 45%
XYZ	9.6733, 9.5760, 17.2581
YIQ	87.3980, -12.5640, 7.4360

Conversions

Conversions Part 2

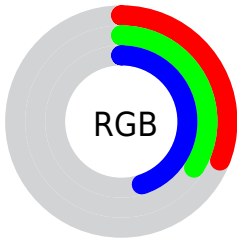
Format	Color
R_{YB}	80, 85, 114
Decimal	5265010
CIE Lab	37.07, 4.69, -16.74
CIE LCh	37, 17.381, 285.662
Yxy	9.5760, 0.2650, 0.2623
Android (android.graphics.Color)	4283455090 (0xFF505672)
YUV	87.3980, 13.1148, -6.4880
Hunter-Lab	30.9450, 1.6447, -11.4046

Details

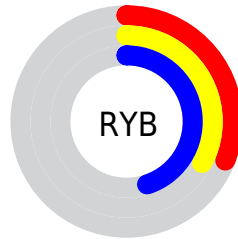
The Hex color **505672** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **726C50**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8288A6**, and **222942** is the 20% darker color. If you saturate the color by 10%, you get **454D72**, and if you desaturate by 10%, it is **5B5F72**.

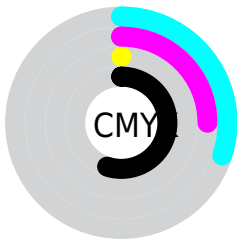
Distribution



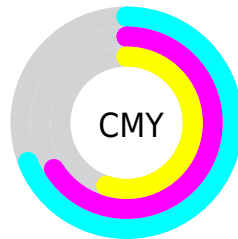
- Red (31%)
- Green (34%)
- Blue (45%)



- Red (31%)
- Yellow (33%)
- Blue (45%)



- Cyan (30%)
- Magenta (25%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505672 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 505672 by changing the saturation by 10% instead.

■ 505672

■ 505672

FFFFFF

■ 383F59

■ 8288A6

■ 222942

■ 9CA2C1

■ 0C152C

■ B7BDDD

■ 000117

■ D3D9FA

■ 000000

■ F0F5FF

■ 505672

■ 505672

■ 454D72

■ 5B5F72

■ 394372

■ 676972

■ 2E3A72

■ 727272

■ 223072

■ 7E7C72

■ 172772

■ 898572

■ 0C1E72

■ 948E72

■ 001472

■ A09872

■ ABA172

■ B7AA72

Harmonies

Analogous

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



3C5B72



505672



62516B

Triad

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



505672



715044



3A5F50

Complementary

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



505672



726C50

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.



4A5C43



505672



67543C

Square

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



505672



734D50



5A593C



2E5F5E

Rectangle

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



505672



6B4F63



5A593C



3F5E4B

Sweetspot

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



505672



878994



50726C



42434A



C9C9C9



4A4A4A

Same Dimension

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



505672



5F6894



5B5072



323338



001578



002CF7

Inverse Universe

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



725056



945F68



677250



383233



780015



F7002C

Previews

White Background



This preview shows how the Hex color 505672 looks on a white background.

Color Contrast Check

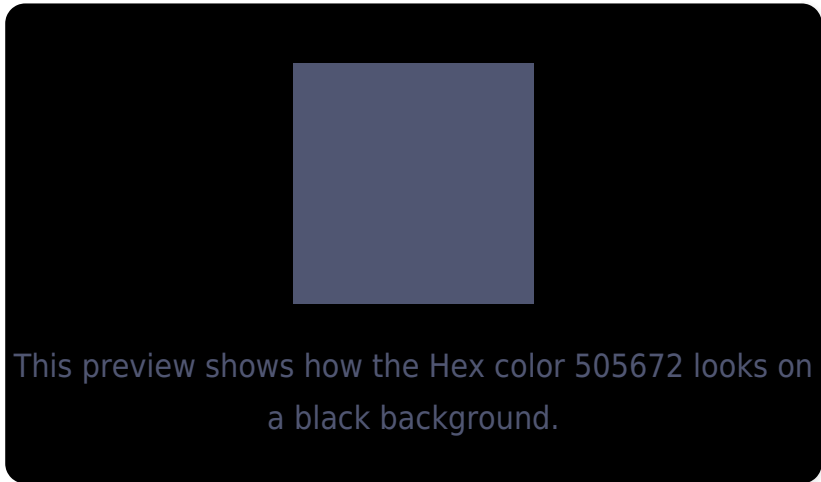
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

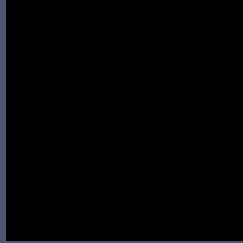
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

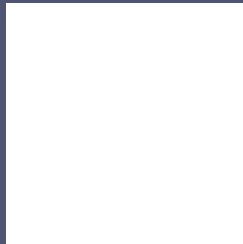
Any Text WCAG AAA × Fail

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

Hex 505672 Background



This preview shows how black text looks on a background with the Hex color 505672.



This preview shows how white text looks on a background with the Hex color 505672.

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](#).

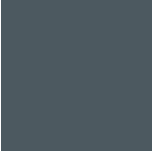
Dichromacy



Original Color
505672

Protanopia
505672

Deuteranopia
515672



Tritanopia
4C5960

Trichromacy



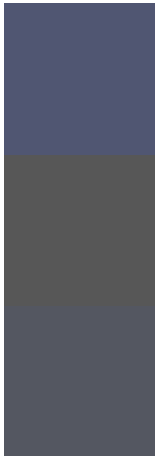
Original Color
505672

Protanomaly
505672

Deuteranomaly
515672

Tritanomaly
4D5867

Monochromacy



Original Color
505672

Achromatopsia
575757

Achromatomaly
545761

CSS Examples

Text

The CSS property to change the color of the text to Hex 505672 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 #505672 looks like.

```
.text, #text, p{  
    color:#505672  
}
```

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 #505672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505672
}
```

Border

The CSS property to change the border of an element to Hex 505672 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
#505672 }
```

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

```
.border{ border-color:#505672 }
```

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

Here you see how a box with a 4 pixel #505672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505672; -webkit-box-shadow:4px 4px  
4px 4px #505672; box-shadow:4px 4px 4px  
4px #505672 }
```

Background

The CSS property to change the background color of an element to Hex 505672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505672 }
```

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

```
.background{ background-color:#505672 }
```

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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