

Converting Colors

Hex(505478)

Have a look what the booklet for
Hex(505478) contains.

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Color

Hex(505478)

Conversions

Conversions Part 1

Format	Color
Hex	505478
RGB	80, 84, 120
RGB Percent	31%, 33%, 47%
CMY	0.6863, 0.6706, 0.5294
CMYK	0.33, 0.30, 0.00, 0.53
HSL	234°, 20%, 39%
HSV	234°, 33%, 47%
XYZ	9.8688, 9.4022, 19.0640
YIQ	86.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

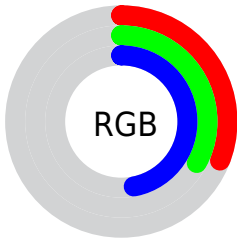
Format	Color
R_{YB}	80, 84, 120
Decimal	5264504
CIE _{Lab}	36.75, 7.65, -20.94
CIE _{LCh}	37, 22.296, 290.056
Yxy	9.4022, 0.2574, 0.2453
Android (android.graphics.Color)	4283454584 (0xFF505478)
YUV	86.9080, 16.3144, -6.0583
Hunter-Lab	30.6630, 3.7893, -15.3980

Details

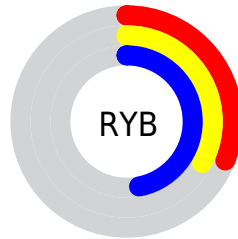
The Hex color **505478** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **787450**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8285AC**, and **212747** is the 20% darker color. If you saturate the color by 10%, you get **444978**, and if you desaturate by 10%, it is **5C5F78**.

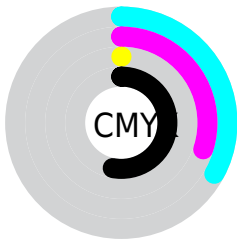
Distribution



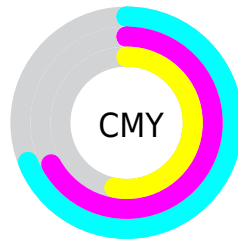
- Red (31%)
- Green (33%)
- Blue (47%)



- Red (31%)
- Yellow (33%)
- Blue (47%)



- Cyan (33%)
- Magenta (30%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505478 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 505478 by changing the saturation by 10% instead.

■ 505478

■ 505478

FFFFFF

■ 383D5F

■ 8285AC

■ 212747

■ 9DA0C8

■ 091331

■ B8BAE4

■ 00011C

■ D4D6FF

■ 000000

■ F0F3FF

■ 505478

■ 505478

■ 444978

■ 5C5F78

■ 383E78

■ 686A78

■ 2C3478

■ 747478

■ 202978

■ 807F78

■ 141E78

■ 8C8A78

■ 081378

■ 989578

■ 000C78

■ A4A078

■ B0AA78

■ BCB578

Harmonies

Analogous

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



335A79



505478



674E6E

Triad

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



505478



744D3C



2B6050

Complementary

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



505478



787450

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.



425D3F



505478



685333

Square

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



505478



7A494B



565934



146062

Rectangle

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



505478



724A63



565934



335F4A

Sweetspot

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



505478



8C8E9C



507874



46474F



CFCFCF



4F4F4F

Same Dimension

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



505478



5D649C



605078



37383D



000C7D



0019FC

Inverse Universe

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



785054



9C5D64



687850



3D3738



7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 505478 looks on a white background.

Color Contrast Check

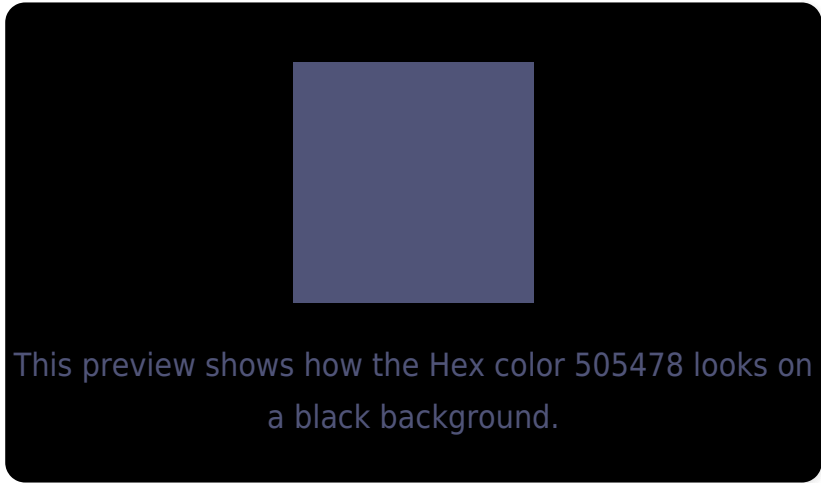
Large Text (above 18pt) WCAG AA ✓ Pass

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

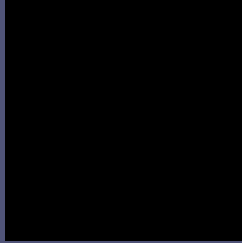
Any Text WCAG AA × Fail

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 505478 Background



This preview shows how black text looks on a background with the Hex color 505478.

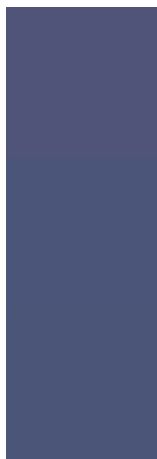


This preview shows how white text looks on a background with the Hex color 505478.

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
505478

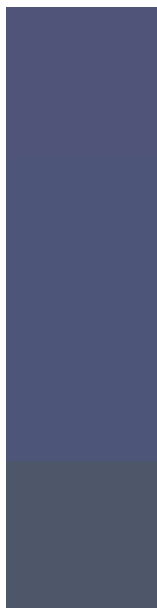
Protanopia
4B5579

Deuteranopia
4B5578



Tritanopia
4B5960

Trichromacy



Original Color

505478

Protanomaly

4D5579

Deuteranomaly

4D5578

Tritanomaly

4D5769

Monochromacy



Original Color

505478

Achromatopsia

575757

Achromatomaly

545663

CSS Examples

Text

The CSS property to change the color of the text to Hex 505478 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 #505478 looks like.

```
.text, #text, p{  
    color:#505478  
}
```

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 #505478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505478  
}
```

Border

The CSS property to change the border of an element to Hex 505478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

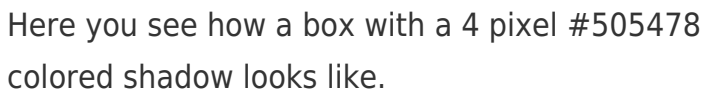
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#505478 }
```

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

```
.border{ border-color:#505478 }
```

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



Here you see how a box with a 4 pixel #505478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505478; -webkit-box-shadow:4px 4px  
4px 4px #505478; box-shadow:4px 4px 4px  
4px #505478 }
```

Background

The CSS property to change the background color of an element to Hex 505478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505478 }
```

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

```
.background{ background-color:#505478 }
```

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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