

Converting Colors

Hex(457280)

Have a look what the booklet for
Hex(457280) contains.

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Color

Hex(457280)

Conversions

Conversions Part 1

Format	Color
Hex	457280
RGB	69, 114, 128
RGB Percent	27%, 45%, 50%
CMY	0.7294, 0.5529, 0.4980
CMYK	0.46, 0.11, 0.00, 0.50
HSL	194°, 30%, 39%
HSV	194°, 46%, 50%
XYZ	12.3678, 14.8583, 22.6382
YIQ	102.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

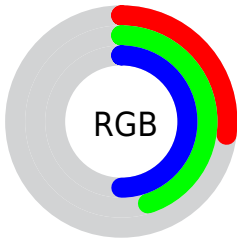
Format	Color
RYB	69, 95, 128
Decimal	4551296
CIELab	45.44, -11.46, -12.55
CIELCh	45, 16.994, 227.617
Yxy	14.8583, 0.2480, 0.2980
Android (android.graphics.Color)	4282741376 (0xFF457280)
YUV	102.1410, 12.7485, -29.0647
Hunter-Lab	38.5465, -10.1838, -7.8381

Details

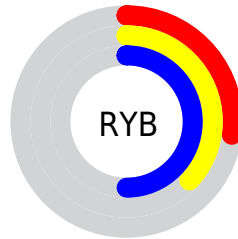
The Hex color **457280** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **805345**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **79A6B5**, and **0F424F** is the 20% darker color. If you saturate the color by 10%, you get **386F80**, and if you desaturate by 10%, it is **527580**.

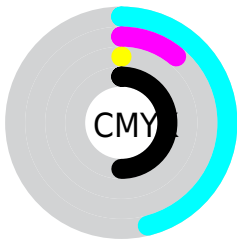
Distribution



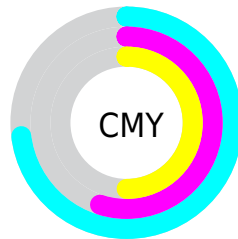
- Red (27%)
- Green (45%)
- Blue (50%)



- Red (27%)
- Yellow (37%)
- Blue (50%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457280 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 457280 by changing the saturation by 10% instead.

■ 457280

■ 457280

FFFFFF

■ 2B5967

■ 79A6B5

■ 0F424F

■ 93C1D0

■ 002C38

■ AFDDDD

■ 001823

■ CBF0FF

■ 00000B

■ E7FFFF

■ 000000

■ 457280

■ 457280

■ 386F80

■ 527580

■ 2B6C80

■ 5F7880

■ 1F6980

■ 6B7B80

■ 126680

■ 787E80

■ 056380

■ 858180

■ 006280

■ 928480

■ 9F8780

■ AB8A80

■ B88D80

Harmonies

Analogous

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



447474



457280



536F87

Triad

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



457280



846272



6D6D50

Complementary

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



457280



805345

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.



7C6950



457280



896264

Square

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



457280



78657F



856457



5D7158

Rectangle

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



457280



5F6C87



856457



726C4F

Sweetspot

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



457280



8FA0A6



458053



465154



D4D4D4



545454

Same Dimension

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



457280



4B90A6



455580



393E40



006180



000000

Inverse Universe

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



804572



A64B90



807045



40393E



800061



000000

Previews

White Background



This preview shows how the Hex color 457280 looks on a white background.

Color Contrast Check

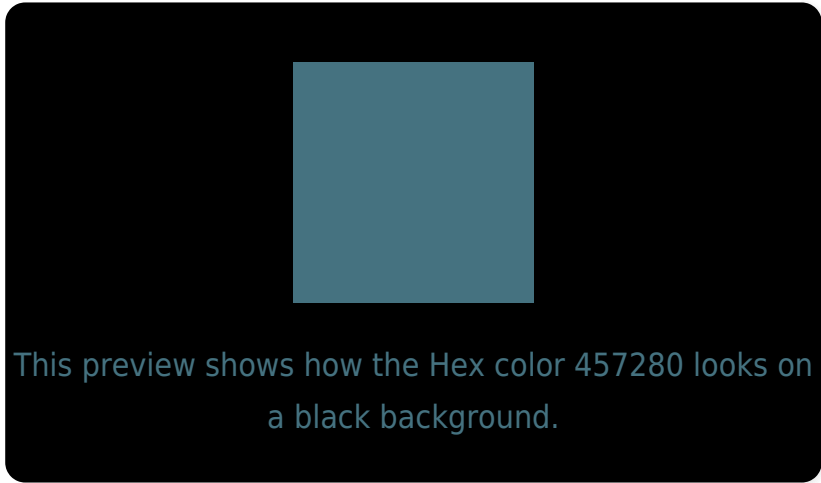
Large Text (above 18pt) WCAG AA ✓ Pass

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

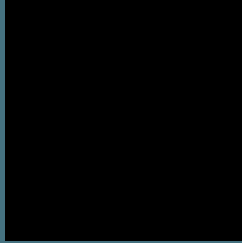
Any Text WCAG AA × Fail

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 457280 Background



This preview shows how black text looks on a background with the Hex color 457280.

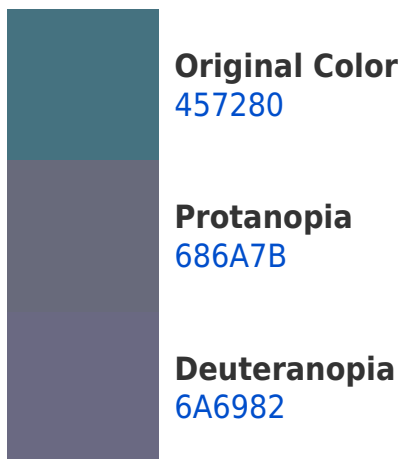



This preview shows how white text looks on a background with the Hex color 457280.

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](#).

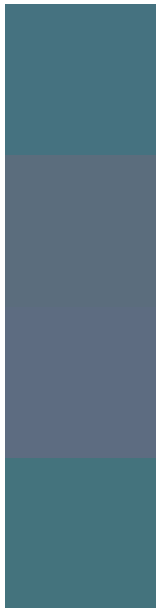
Dichromacy





Tritanopia
44737C

Trichromacy



Original Color
457280

Protanomaly
5B6D7D

Deuteranomaly
5D6C81

Tritanomaly
44737D

Monochromacy



Original Color
457280

Achromatopsia
666666

Achromatomaly
5A6A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 457280 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 #457280 looks like.

```
.text, #text, p{  
    color:#457280  
}
```

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 #457280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457280
}
```

Border

The CSS property to change the border of an element to Hex 457280 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
#457280 }
```

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

```
.border{ border-color:#457280 }
```

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

Here you see how a box with a 4 pixel #457280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457280; -webkit-box-shadow:4px 4px  
4px 4px #457280; box-shadow:4px 4px 4px  
4px #457280 }
```

Background

The CSS property to change the background color of an element to Hex 457280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457280 }
```

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

```
.background{ background-color:#457280 }
```

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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