

# Converting Colors

Hex(254680)

Have a look what the booklet for  
Hex(254680) contains.

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# Color

**Hex(254680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	254680
RGB	37, 70, 128
RGB Percent	15%, 27%, 50%
CMY	0.8549, 0.7255, 0.4980
CMYK	0.71, 0.45, 0.00, 0.50
HSL	218°, 55%, 32%
HSV	218°, 71%, 50%
XYZ	6.8494, 6.3321, 21.2833
YIQ	66.7450, -38.2860, 11.0420

# Conversions

## Conversions Part 2

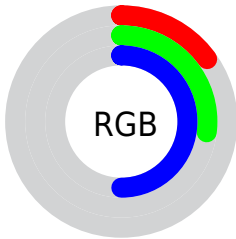
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 61, 128
Decimal	2442880
CIE <sub>Lab</sub>	30.24, 8.78, -36.35
CIE <sub>LCh</sub>	30, 37.399, 283.575
Yxy	6.3321, 0.1987, 0.1837
Android (android.graphics.Color)	4280632960 (0xFF254680)
YUV	66.7450, 30.1987, -26.0864
Hunter-Lab	25.1638, 4.5498, -32.5324

# Details

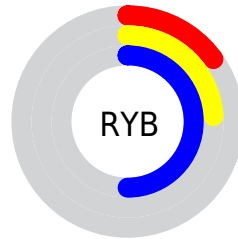
The Hex color **254680** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **805F25**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5D76B5**, and **001C4E** is the 20% darker color. If you saturate the color by 10%, you get **183E80**, and if you desaturate by 10%, it is **324E80**.

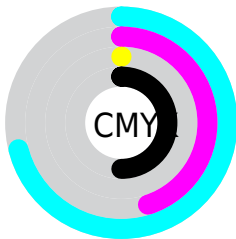
# Distribution



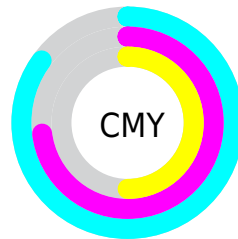
- Red (15%)
- Green (27%)
- Blue (50%)



- Red (15%)
- Yellow (24%)
- Blue (50%)



- Cyan (71%)
- Magenta (45%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (73%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 254680 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 254680 by changing the saturation by 10% instead.



■ 254680

■ 254680

FFFFFF

■ 003067

■ 5D76B5

■ 001C4E

■ 788FD1

■ 000037

■ 94AAEE

■ 000221

■ B0C5FF

■ 000006

■ CCE1FF

■ 000000

■ E9FDFF

■ 254680

■ 254680

■ 183E80

■ 324E80

■ 0B3680

■ 3F5680

■ 002E80

■ 4B5E80

■ 586780

■ 656F80

■ 727780

■ 7F7F80

■ 8B8780

■ 988F80

# Harmonies

## Analogous

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



004F7F



254680



593A72

# Triad

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



254680



753420



005436

# Complementary

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



254680



805F25

# 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.



28501A



254680



63400A

# Square

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



254680



7C2B3B



494A06



005554

# Rectangle

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



254680



6D3162



494A06



00532C



# Sweetspot

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



254680



8390A6



25805F



3F4754



D4D4D4



545454



# Same Dimension

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



254680



194CA6



312580



393C40



002E80



000000



# Inverse Universe

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



802546



A6194C



748025



40393C



80002E



000000



# Previews

## White Background



This preview shows how the Hex color 254680 looks on a white background.

## Color Contrast Check

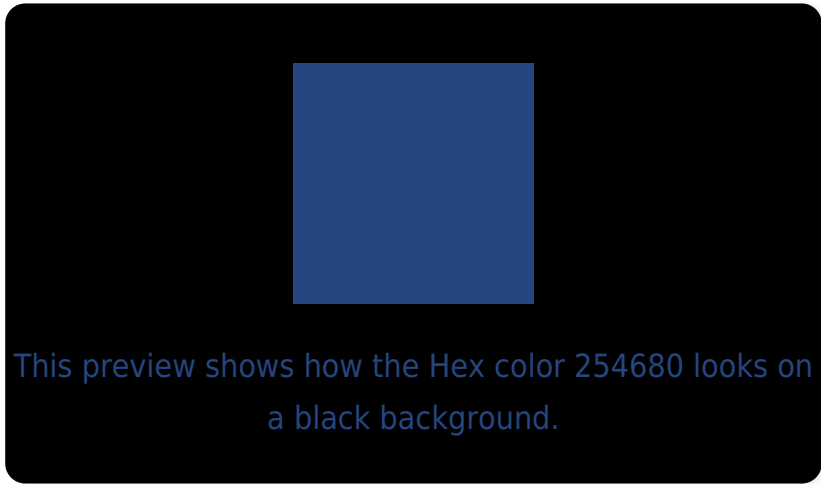
Large Text (above 18pt) WCAG AA ✓ Pass

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 254680 Background



This preview shows how black text looks on a background with the Hex color 254680.



This preview shows how white text looks on a background with the Hex color 254680.

# 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**

254680

**Protanopia**

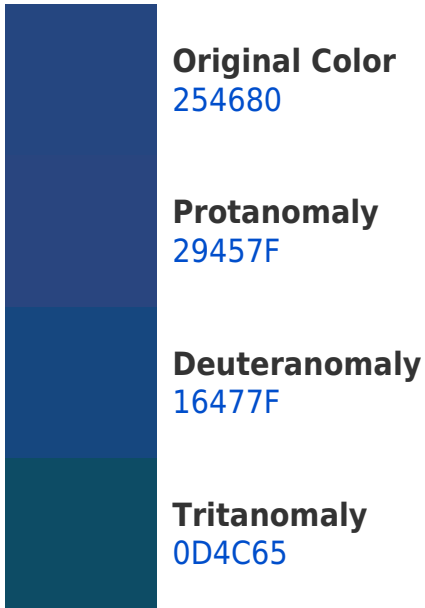
2B457F

**Deuteranopia**

0E487F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 254680 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 #254680 looks like.

```
.text, #text, p{  
    color:#254680  
}
```

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 #254680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254680
}
```

## Border

The CSS property to change the border of an element to Hex 254680 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
#254680 }
```

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

```
.border{ border-color:#254680 }
```

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

Here you see how a box with a 4 pixel #254680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254680; -webkit-box-shadow:4px 4px  
4px 4px #254680; box-shadow:4px 4px 4px  
4px #254680 }
```

# Background

The CSS property to change the background color of an element to Hex 254680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254680 }
```

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

```
.background{ background-color:#254680 }
```

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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