

# Converting Colors

Hex(254683)

Have a look what the booklet for  
Hex(254683) contains.

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# Color

**Hex(254683)**

# Conversions

Conversions Part 1	
Format	Color
Hex	254683
RGB	37, 70, 131
RGB Percent	15%, 27%, 51%
CMY	0.8549, 0.7255, 0.4863
CMYK	0.72, 0.47, 0.00, 0.49
HSL	219°, 56%, 33%
HSV	219°, 72%, 51%
XYZ	7.0498, 6.4123, 22.3389
YIQ	67.0870, -39.2490, 11.9750

# Conversions

## Conversions Part 2

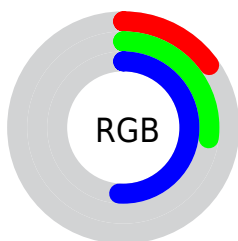
Format	Color
<a href="#">RYB</a>	<a href="#">37, 61, 131</a>
Decimal	<a href="#">2442883</a>
CIELab	<a href="#">30.43, 9.95, -37.91</a>
CIELCh	<a href="#">30, 39.192, 284.709</a>
Yxy	<a href="#">6.4123, 0.1969, 0.1791</a>
Android (android.graphics.Color)	<a href="#">4280632963</a> (0xFF254683)
YUV	<a href="#">67.0870, 31.5091, -26.3863</a>
Hunter-Lab	<a href="#">25.3226, 5.3802, -34.5782</a>

# Details

The Hex color **254683** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **836225**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5E76B9**, and **001C51** is the 20% darker color. If you saturate the color by 10%, you get **183D83**, and if you desaturate by 10%, it is **324F83**.

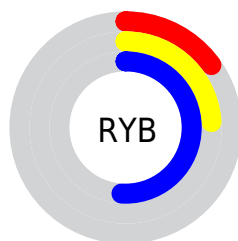
# Distribution



Red (15%)

Green (27%)

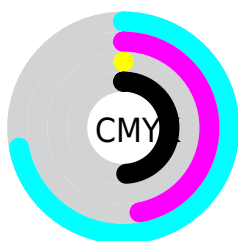
Blue (51%)



Red (15%)

Yellow (24%)

Blue (51%)

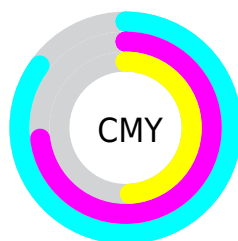


Cyan (72%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (85%)

Magenta (73%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 254683 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 254683 by changing the saturation by 10% instead.



 254683

 254683

FFFFFF

 003069

 5E76B9

 001C51

 798FD4

 00003A

 95AAF1

 000223

 B1C5FF

 00000A

 CDE1FF

 000000

 EAFDFF

 254683

 254683

 183D83

 324F83

 0B3583

 3F5783

 002E83

 4C6083

 596883

 677183

 747983

 818283

 8E8A83

 9B9383

# Harmonies

## Analogous

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



004F83



254683



5C3973

# Triad

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



254683



77341E



005536

# Complementary

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



254683



836225

# 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.



255119



254683



634006

# Square

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



254683



7E2A3A



494B02



005656

# Rectangle

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



254683



703062



494B02



00542C



# Sweetspot

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



254683



8592AB



258361



404857



D6D6D6



575757



# Same Dimension

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



254683



184CAB



322583



3C3E42



002E82



000103



# Inverse Universe

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



832546



AB184C



768325



423C3E



82002E



030001



# Previews

## White Background



This preview shows how the Hex color 254683 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



This preview shows how the Hex color 254683 looks on a 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 254683 Background



This preview shows how black text looks on a background with the Hex color 254683.



This preview shows how white text looks on a background with the Hex color 254683.

# 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**

254683

**Protanopia**

294582

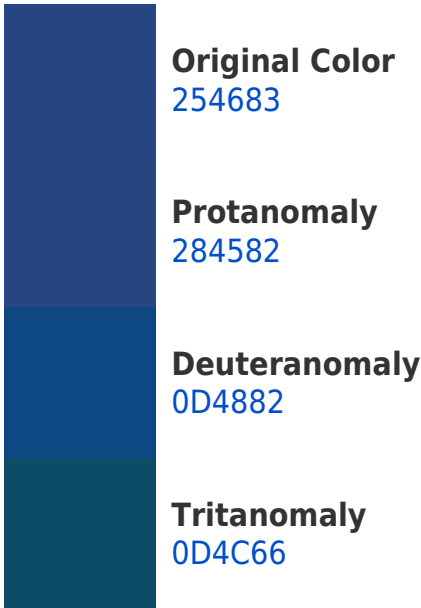
**Deuteranopia**

004981



**Tritanopia**  
004F56

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 254683 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 #254683 looks like.

```
.text, #text, p{  
    color:#254683  
}
```

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 #254683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254683
}
```

## Border

The CSS property to change the border of an element to Hex 254683 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
#254683 }
```

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

```
.border{ border-color:#254683 }
```

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

Here you see how a box with a 4 pixel #254683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254683; -webkit-box-shadow:4px 4px  
4px 4px #254683; box-shadow:4px 4px 4px  
4px #254683 }
```

# Background

The CSS property to change the background color of an element to Hex 254683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254683 }
```

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

```
.background{ background-color:#254683 }
```

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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