

# Converting Colors

Hex(045479)

Have a look what the booklet for  
Hex(045479) contains.

<b>Hex(045479)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(045479)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	045479
RGB	4, 84, 121
RGB Percent	2%, 33%, 47%
CMY	0.9843, 0.6706, 0.5255
CMYK	0.97, 0.31, 0.00, 0.53
HSL	199°, 94%, 25%
HSV	199°, 97%, 47%
XYZ	6.6716, 7.7469, 19.2328
YIQ	64.2980, -59.5570, -5.4530

# Conversions

## Conversions Part 2

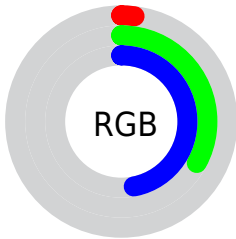
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 52, 121
Decimal	283769
CIE Lab	33.45, -6.89, -26.96
CIE LCh	33, 27.825, 255.654
Yxy	7.7469, 0.1983, 0.2302
Android (android.graphics.Color)	4278473849 (0xFF045479)
YUV	64.2980, 27.9541, -52.8813
Hunter-Lab	27.8333, -5.9223, -21.4861

# Details

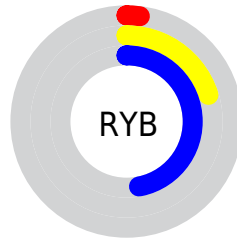
The Hex color **045479** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **792904**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4C85AE**, and **002748** is the 20% darker color. If you saturate the color by 10%, you get **005379**, and if you desaturate by 10%, it is **105879**.

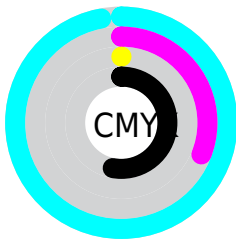
# Distribution



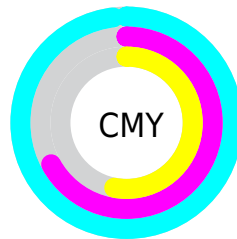
- Red (2%)
- Green (33%)
- Blue (47%)



- Red (2%)
- Yellow (20%)
- Blue (47%)



- Cyan (97%)
- Magenta (31%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (67%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 045479 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 045479 by changing the saturation by 10% instead.



045479

045479

FFFFFF

003D60

4C85AE

002748

68A0C9

001331

84BAE5

00021C

A0D6FF

000000

BCF3FF

D9FFFF

F6FFFF

045479

045479

■ 005379

■ 105879

■ 1C5C79

■ 285F79

■ 346379

■ 406779

■ 4D6B79

■ 596F79

■ 657379

■ 717679

# Harmonies

## Analogous

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



00586E



045479



3F4D79

# Triad

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



045479



783D44



38562F

# Complementary

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



045479



792904

# 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.



515123



045479



734230

# Square

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



045479



723E5A



654A23



155943

# Rectangle

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



045479



564773



654A23



41552A



# Sweetspot

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



045479



70909E



047927



33464F



CFCFCF



4F4F4F



# Same Dimension

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



045479



006C9E



041B79



373B3D



00557D



00ADFC



# Inverse Universe

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



790454



9E006C



796204



3D373B



7D0055



FC00AD



# Previews

## White Background



This preview shows how the Hex color 045479 looks on a white background.

## Color Contrast Check

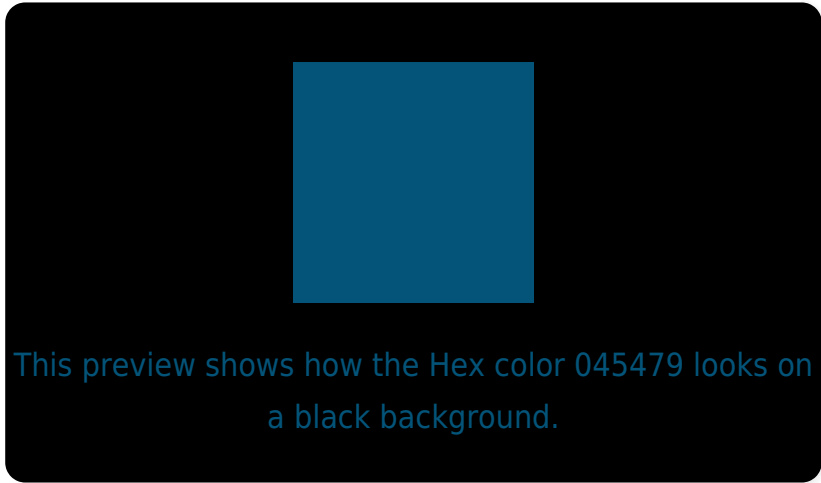
Large Text (above 18pt) WCAG AA ✓ Pass

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

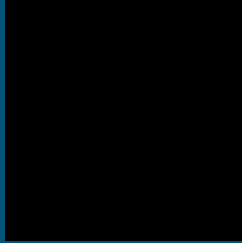
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 045479 Background



This preview shows how black text looks on a background with the Hex color 045479.

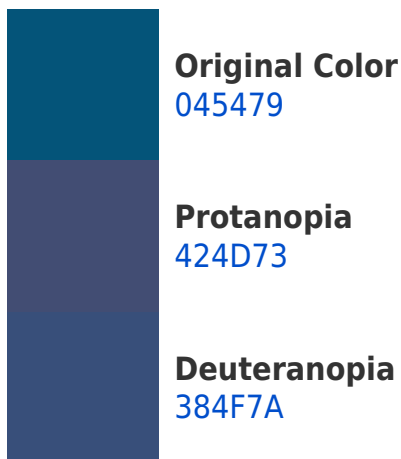


This preview shows how white text looks on a background with the Hex color 045479.

# 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



# Trichromacy



**Original Color**  
045479

**Protanomaly**  
2B5075

**Deuteranomaly**  
25517A

# Monochromacy



**Original Color**  
045479

**Achromatopsia**  
404040

**Achromatomaly**  
2A4755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 045479 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 #045479 looks like.

```
.text, #text, p{  
    color:#045479  
}
```

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 #045479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045479
}
```

## Border

The CSS property to change the border of an element to Hex 045479 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
#045479 }
```

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

```
.border{ border-color:#045479 }
```

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

Here you see how a box with a 4 pixel #045479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045479; -webkit-box-shadow:4px 4px  
4px 4px #045479; box-shadow:4px 4px 4px  
4px #045479 }
```

# Background

The CSS property to change the background color of an element to Hex 045479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045479 }
```

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

```
.background{ background-color:#045479 }
```

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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