

# Converting Colors

Hex(237260)

Have a look what the booklet for  
Hex(237260) contains.

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# Color

Hex(237260)

# Conversions

## Conversions Part 1

Format	Color
Hex	237260
RGB	35, 114, 96
RGB Percent	14%, 45%, 38%
CMY	0.8627, 0.5529, 0.6235
CMYK	0.69, 0.00, 0.16, 0.55
HSL	166°, 53%, 29%
HSV	166°, 69%, 45%
XYZ	8.8218, 13.2365, 13.1563
YIQ	88.3270, -41.3060, -22.3460

# Conversions

## Conversions Part 2

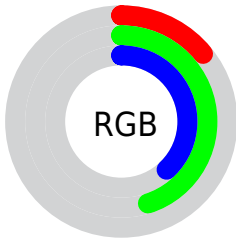
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 80, 114
Decimal	2323040
CIELab	43.12, -28.43, 3.05
CIELCh	43, 28.597, 173.875
Yxy	13.2365, 0.2505, 0.3759
Android (android.graphics.Color)	4280513120 (0xFF237260)
YUV	88.3270, 3.7828, -46.7678
Hunter-Lab	36.3820, -20.3864, 4.0272

# Details

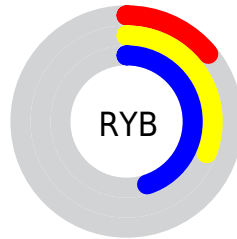
The Hex color **237260** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **722335**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5BA692**, and **004132** is the 20% darker color. If you saturate the color by 10%, you get **18725D**, and if you desaturate by 10%, it is **2E7263**.

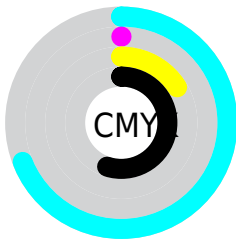
# Distribution



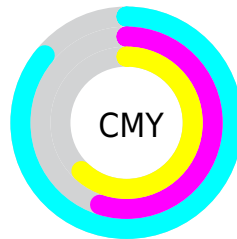
- Red (14%)
- Green (45%)
- Blue (38%)



- Red (14%)
- Yellow (31%)
- Blue (45%)



- Cyan (69%)
- Magenta (0%)
- Yellow (16%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 237260 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 237260 by changing the saturation by 10% instead.



 237260

 237260

FFFFFF

 005948

 5BA692

 004132

 76C2AD

 002A1D

 91DEC8

 001303

 ADFBE4

 000000

 C9FFFF

 E6FFFF

 237260

 237260

 18725D

 2E7263

■ 0C725B

■ 3A7265

■ 017258

■ 457268

■ 007258

■ 51726A

■ 5C726D

■ 677270

■ 737272

■ 7E7275

■ 8A7277

# Harmonies

## Analogous

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



466F49



237260



007278

# Triad

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



237260



616291



8B5A40

# Complementary

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



237260



722335

# 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.



935454



237260



7F5982

# Square

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



237260



386A95



90536C



796336

# Rectangle

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



237260



007186



90536C



8F5846



# Sweetspot

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



237260



75948D



357223



374A46



C9C9C9



4A4A4A



# Same Dimension

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



237260



199478



235D72



323837



00785D



00F7BF



# Inverse Universe

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



722335



941935



723823



383234



78001B



F70038



# Previews

## White Background



This preview shows how the Hex color 237260 looks on a white background.

## Color Contrast Check

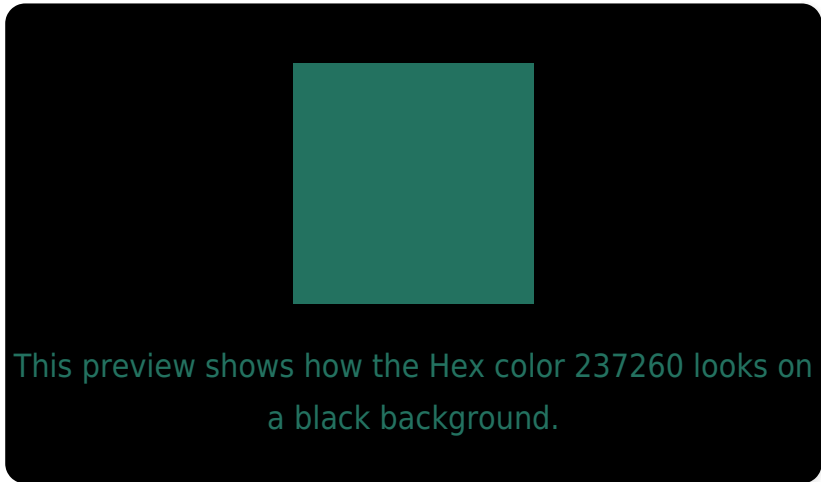
Large Text (above 18pt) WCAG AA ✓ Pass

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

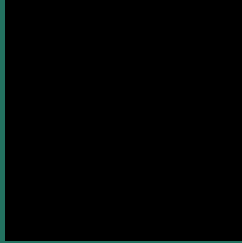
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 237260 Background



This preview shows how black text looks on a background with the Hex color 237260.

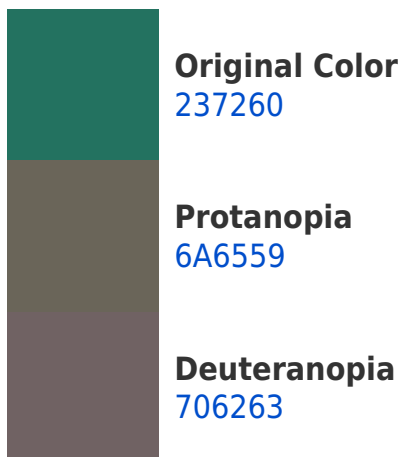


This preview shows how white text looks on a background with the Hex color 237260.

# 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](#).

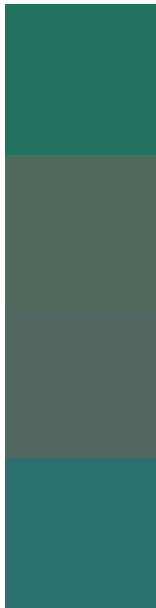
## Dichromacy





**Tritanopia**  
2E6F78

# Trichromacy



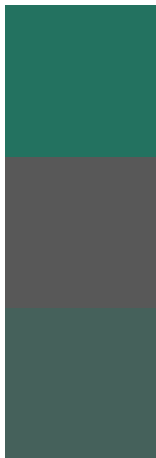
**Original Color**  
237260

**Protanomaly**  
506A5C

**Deuteranomaly**  
546862

**Tritanomaly**  
2A706F

# Monochromacy



**Original Color**  
237260

**Achromatopsia**  
585858

**Achromatomaly**  
45615B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 237260 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 #237260 looks like.

```
.text, #text, p{  
    color:#237260  
}
```

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 #237260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237260
}
```

## Border

The CSS property to change the border of an element to Hex 237260 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
#237260 }
```

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

```
.border{ border-color:#237260 }
```

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

Here you see how a box with a 4 pixel #237260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237260; -webkit-box-shadow:4px 4px  
4px 4px #237260; box-shadow:4px 4px 4px  
4px #237260 }
```

# Background

The CSS property to change the background color of an element to Hex 237260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237260 }
```

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

```
.background{ background-color:#237260 }
```

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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