

# Converting Colors

Hex(3D5261)

Have a look what the booklet for  
Hex(3D5261) contains.

<b>Hex(3D5261)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3D5261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D5261
RGB	61, 82, 97
RGB Percent	24%, 32%, 38%
CMY	0.7608, 0.6784, 0.6196
CMYK	0.37, 0.15, 0.00, 0.62
HSL	205°, 23%, 31%
HSV	205°, 37%, 38%
XYZ	7.0994, 7.8898, 12.4580
YIQ	77.4310, -17.3310, 0.2130

# Conversions

## Conversions Part 2

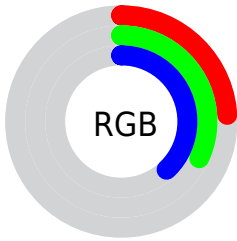
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 74, 97
Decimal	4018785
CIELab	33.75, -3.88, -11.31
CIElCh	34, 11.961, 251.079
Yxy	7.8898, 0.2587, 0.2875
Android (android.graphics.Color)	4282208865 (0xFF3D5261)
YUV	77.4310, 9.6475, -14.4100
Hunter-Lab	28.0887, -4.0393, -6.6343

# Details

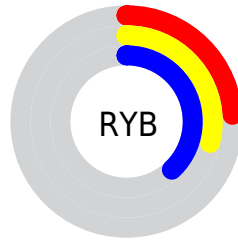
The Hex color **3D5261** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **614C3D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6E8394**, and **0F2533** is the 20% darker color. If you saturate the color by 10%, you get **334E61**, and if you desaturate by 10%, it is **475661**.

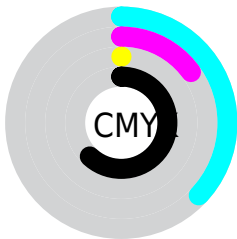
# Distribution



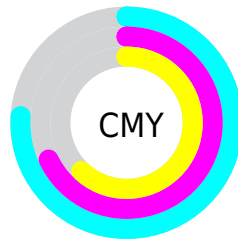
- Red (24%)
- Green (32%)
- Blue (38%)



- Red (24%)
- Yellow (29%)
- Blue (38%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (62%)



- Cyan (76%)
- Magenta (68%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D5261 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 3D5261 by changing the saturation by 10% instead.





3D5261



3D5261

FFFFFF



263B49



6E8394



0F2533



889DAE



00111E



A2B8CA



000001



BDD4E6



000000



D9F0FF



F6FFFF



3D5261



3D5261



334E61



475661

■ 2A4A61

■ 505A61

■ 204661

■ 5A5E61

■ 164261

■ 646261

■ 0C3E61

■ 6E6661

■ 033A61

■ 776A61

■ 003961

■ 816E61

■ 8B7261

■ 947661

# Harmonies

## Analogous

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



36545B



3D5261



494F62

# Triad

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



3D5261



63494C



485341

# Complementary

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



3D5261



614C3D

# 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.



53503D



3D5261



624A43

# Square

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



3D5261



5F4956



5C4D3E



3E5449

# Rectangle

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



3D5261



514D60



5C4D3E



4C523F



# Sweetspot

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



3D5261



6F777D



3D614C



373C40



BFBFBF



404040



# Same Dimension

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



3D5261



45667D



3D4061



2C2E30



004170



008CF0



# Inverse Universe

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



613D52



7D4566



615E3D



302C2E



700041

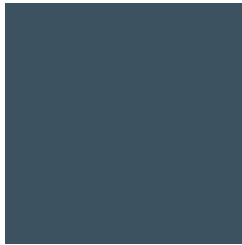


F0008C



# Previews

## White Background



This preview shows how the Hex color 3D5261 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

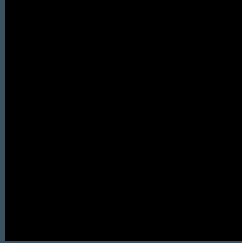
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

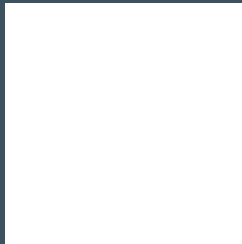
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D5261 Background



This preview shows how black text looks on a background with the Hex color 3D5261.

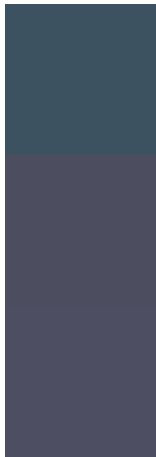


This preview shows how white text looks on a background with the Hex color 3D5261.

# 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**  
3D5261

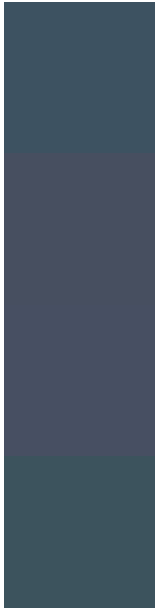
**Protanopia**  
4C4E5F

**Deuteranopia**  
4D4E62



**Tritanopia**  
3B535A

# Trichromacy



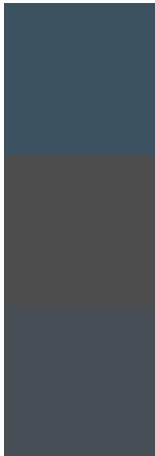
**Original Color**  
3D5261

**Protanomaly**  
474F60

**Deuteranomaly**  
474F62

**Tritanomaly**  
3C535D

# Monochromacy



**Original Color**  
3D5261

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
474F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D5261 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 #3D5261 looks like.

```
.text, #text, p{  
    color:#3D5261  
}
```

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 #3D5261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5261
}
```

## Border

The CSS property to change the border of an element to Hex 3D5261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

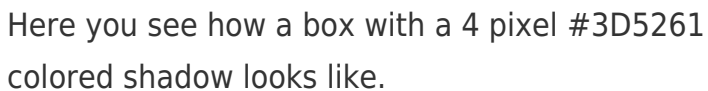
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D5261 }
```

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

```
.border{ border-color:#3D5261 }
```

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



Here you see how a box with a 4 pixel #3D5261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5261; -webkit-box-shadow:4px 4px  
4px 4px #3D5261; box-shadow:4px 4px 4px  
4px #3D5261 }
```

# Background

The CSS property to change the background color of an element to Hex 3D5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5261 }
```

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

```
.background{ background-color:#3D5261 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor