

# Converting Colors

Hex(3D4162)

Have a look what the booklet for  
Hex(3D4162) contains.

<b>Hex(3D4162)</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> .....	29

# Color

**Hex(3D4162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D4162
RGB	61, 65, 98
RGB Percent	24%, 25%, 38%
CMY	0.7608, 0.7451, 0.6157
CMYK	0.38, 0.34, 0.00, 0.62
HSL	234°, 23%, 31%
HSV	234°, 38%, 38%
XYZ	6.0194, 5.6545, 12.3295
YIQ	67.5660, -12.9770, 9.4150

# Conversions

## Conversions Part 2

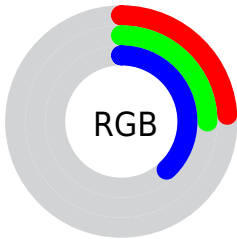
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 65, 98
Decimal	4014434
CIELab	28.52, 7.39, -19.99
CIELCh	29, 21.315, 290.280
Yxy	5.6545, 0.2508, 0.2356
Android (android.graphics.Color)	4282204514 (0xFF3D4162)
YUV	67.5660, 15.0040, -5.7584
Hunter-Lab	23.7793, 3.5709, -14.0961

# Details

The Hex color **3D4162** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **625E3D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6E7195**, and **0F1733** is the 20% darker color. If you saturate the color by 10%, you get **333862**, and if you desaturate by 10%, it is **474A62**.

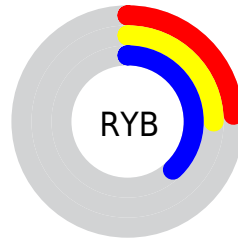
# Distribution



Red (24%)

Green (25%)

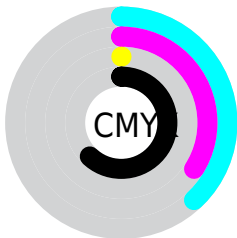
Blue (38%)



Red (24%)

Yellow (25%)

Blue (38%)

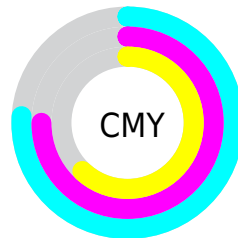


Cyan (38%)

Magenta (34%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (75%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D4162 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 3D4162 by changing the saturation by 10% instead.





3D4162



3D4162

FFFFFF



262B4A



6E7195



0F1733



888AB0



00011E



A2A4CB



000001



BDBFE7



000000



D9DBFF



F6F8FF



3D4162



3D4162



333862



474A62

■ 293062

■ 515262

■ 202762

■ 5A5B62

■ 161E62

■ 646462

■ 0C1562

■ 6E6D62

■ 020D62

■ 787562

■ 000B62

■ 827E62

■ 8B8762

■ 959062

# Harmonies

## Analogous

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



204763



3D4162



533B58

# Triad

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



3D4162



5E3B2B



194C3D

# Complementary

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



3D4162



625E3D

# 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.



304A2E



3D4162



534023

# Square

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



3D4162



633739



434624



004C4E

# Rectangle

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



3D4162



5C384F



434624



214B38



# Sweetspot

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



3D4162



717380



3D625E



373840



BFBFBF



404040



# Same Dimension

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



3D4162



464C80



4B3D62



2C2C30



000C70



001AF0



# Inverse Universe

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



623D41



80464C



54623D



302C2C



70000C



F0001A



# Previews

## White Background



This preview shows how the Hex color 3D4162 looks on a white background.

## Color Contrast Check

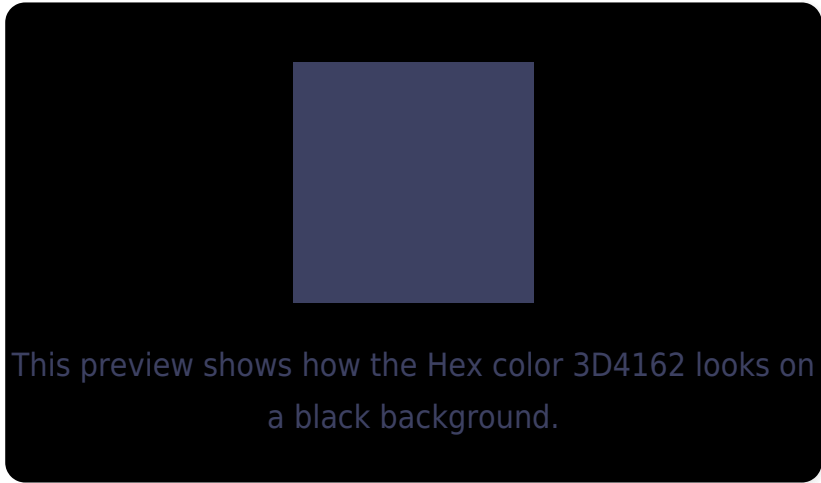
Large Text (above 18pt) WCAG AA ✓ Pass

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

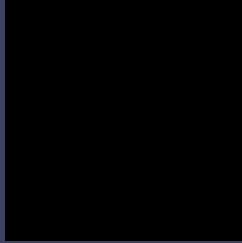
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D4162 Background



This preview shows how black text looks on a background with the Hex color 3D4162.



This preview shows how white text looks on a background with the Hex color 3D4162.

# 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**  
3D4162

**Protanopia**  
384263

**Deuteranopia**  
374362



**Tritanopia**  
38464B

# Trichromacy



**Original Color**  
3D4162

**Protanomaly**  
3A4263

**Deuteranomaly**  
394262

**Tritanomaly**  
3A4453

# Monochromacy



**Original Color**  
3D4162

**Achromatopsia**  
444444

**Achromatomaly**  
41434F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D4162 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 #3D4162 looks like.

```
.text, #text, p{  
    color:#3D4162  
}
```

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 #3D4162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4162
}
```

## Border

The CSS property to change the border of an element to Hex 3D4162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

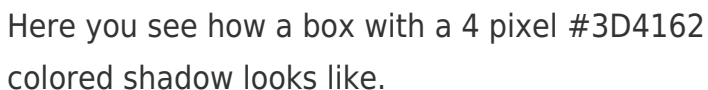
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4162 }
```

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

```
.border{ border-color:#3D4162 }
```

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



Here you see how a box with a 4 pixel #3D4162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4162; -webkit-box-shadow:4px 4px  
4px 4px #3D4162; box-shadow:4px 4px 4px  
4px #3D4162 }
```

# Background

The CSS property to change the background color of an element to Hex 3D4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4162 }
```

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

```
.background{ background-color:#3D4162 }
```

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