

Converting Colors

Hex(3D3560)

Have a look what the booklet for
Hex(3D3560) contains.

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Color

Hex(3D3560)

Conversions

Conversions Part 1

Format	Color
Hex	3D3560
RGB	61, 53, 96
RGB Percent	24%, 21%, 38%
CMY	0.7608, 0.7922, 0.6235
CMYK	0.36, 0.45, 0.00, 0.62
HSL	251°, 29%, 29%
HSV	251°, 45%, 38%
XYZ	5.3089, 4.3828, 11.6325
YIQ	60.2940, -9.0350, 15.0690

Conversions

Conversions Part 2

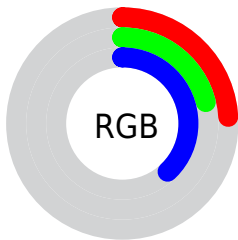
Format	Color
RYB	61, 53, 96
Decimal	4011360
CIELab	24.90, 14.84, -24.39
CIElCh	25, 28.546, 301.325
Yxy	4.3828, 0.2490, 0.2055
Android (android.graphics.Color)	4282201440 (0xFF3D3560)
YUV	60.2940, 17.6031, 0.6192
Hunter-Lab	20.9352, 8.6286, -18.2894

Details

The Hex color **3D3560** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **586035**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6E6493**, and **100A31** is the 20% darker color. If you saturate the color by 10%, you get **352B60**, and if you desaturate by 10%, it is **453F60**.

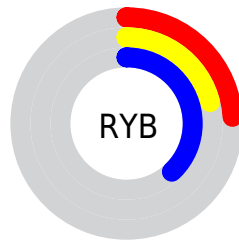
Distribution



Red (24%)

Green (21%)

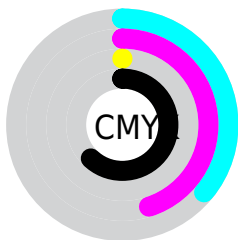
Blue (38%)



Red (24%)

Yellow (21%)

Blue (38%)

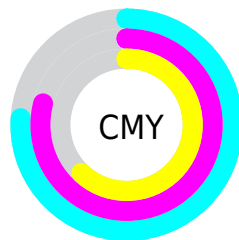


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (79%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3560 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 3D3560 by changing the saturation by 10% instead.

■ 3D3560

■ 3D3560

FFFFFF

■ 262048

■ 6E6493

■ 100A31

■ 887DAE

■ 00011C

■ A396C9

■ 000000

■ BEB1E5

■ DACDFF

■ F7E9FF

■ 3D3560

■ 3D3560

■ 352B60

■ 453F60

■ 2D2260

■ 4D4860

■ 261860

■ 545260

■ 1E0F60

■ 5C5B60

■ 160560

■ 646560

■ 120060

■ 6C6F60

■ 747860

■ 7C8260

■ 838B60

Harmonies

Analogous

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



0B3D66



3D3560



562C50

Triad

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



3D3560



573215



00463B

Complementary

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



3D3560



586035

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.



114425



3D3560



463A0D

Square

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



3D3560



612B26



304014



004551

Rectangle

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



3D3560



5F2842



304014



004534

Sweetspot

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



3D3560



706D7D



355860



373640



BFBFBF



404040

Same Dimension

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



3D3560



46397D



523560



2D2C30



150070



2D00F0

Inverse Universe

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



603558



7D3970



436035



302C30



70005B



F000C3

Previews

White Background



This preview shows how the Hex color 3D3560 looks on a white background.

Color Contrast Check

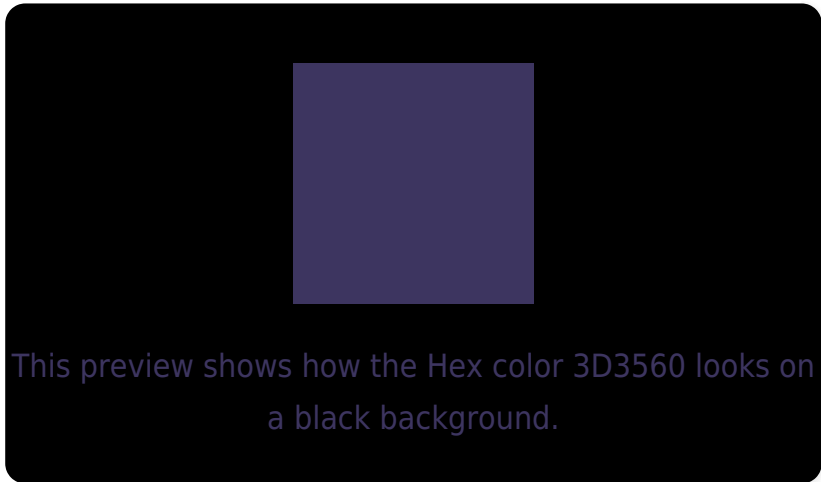
Large Text (above 18pt) WCAG AA ✓ Pass

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

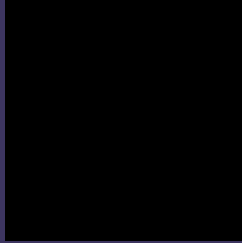
Any Text WCAG AA × Fail

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 3D3560 Background



This preview shows how black text looks on a background with the Hex color 3D3560.



This preview shows how white text looks on a background with the Hex color 3D3560.

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
3D3560

Protanopia
293A64

Deuteranopia
273B5F



Tritanopia
363C41

Trichromacy



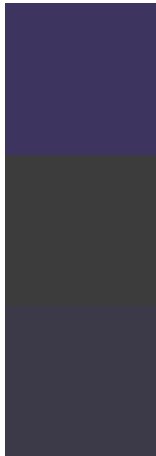
Original Color
3D3560

Protanomaly
303863

Deuteranomaly
2F395F

Tritanomaly
39394C

Monochromacy



Original Color
3D3560

Achromatopsia
3C3C3C

Achromatomaly
3C3949

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3560 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 #3D3560 looks like.

```
.text, #text, p{  
    color:#3D3560  
}
```

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 #3D3560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3560
}
```

Border

The CSS property to change the border of an element to Hex 3D3560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

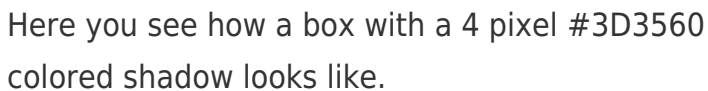
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3560 }
```

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

```
.border{ border-color:#3D3560 }
```

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



Here you see how a box with a 4 pixel #3D3560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3560; -webkit-box-shadow:4px 4px  
4px 4px #3D3560; box-shadow:4px 4px 4px  
4px #3D3560 }
```

Background

The CSS property to change the background color of an element to Hex 3D3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3560 }
```

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

```
.background{ background-color:#3D3560 }
```

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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