

# Converting Colors

Hex(36425D)

Have a look what the booklet for  
Hex(36425D) contains.

<b>Hex(36425D)</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(36425D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36425D
RGB	54, 66, 93
RGB Percent	21%, 26%, 36%
CMY	0.7882, 0.7412, 0.6353
CMYK	0.42, 0.29, 0.00, 0.64
HSL	222°, 27%, 29%
HSV	222°, 42%, 36%
XYZ	5.4453, 5.4710, 11.1249
YIQ	65.4900, -15.8190, 5.8530

# Conversions

## Conversions Part 2

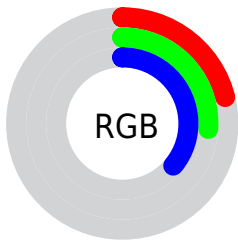
Format	Color
<b>RYB</b>	54, 63, 93
Decimal	3555933
CIELab	28.04, 2.94, -17.57
CIElCh	28, 17.818, 279.493
Yxy	5.4710, 0.2471, 0.2482
Android (android.graphics.Color)	4281746013 (0xFF36425D)
YUV	65.4900, 13.5624, -10.0767
Hunter-Lab	23.3902, 0.6226, -11.8266

# Details

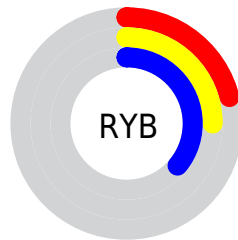
The Hex color **36425D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D5136**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **66728F**, and **07182F** is the 20% darker color. If you saturate the color by 10%, you get **2D3C5D**, and if you desaturate by 10%, it is **3F485D**.

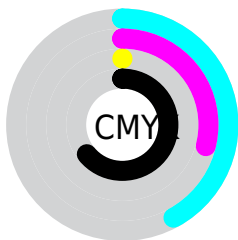
# Distribution



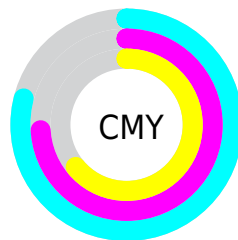
- Red (21%)
- Green (26%)
- Blue (36%)



- Red (21%)
- Yellow (25%)
- Blue (36%)



- Cyan (42%)
- Magenta (29%)
- Yellow (0%)
- Black (64%)



- Cyan (79%)
- Magenta (74%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36425D 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 36425D by changing the saturation by 10% instead.





36425D



36425D

FFFFFF



1F2C45



66728F



07182F



808BAA



00011A



9AA5C5



000000



B5C1E1



D1DCFE



EEF9FF



36425D



36425D



2D3C5D



3F485D

■ 23355D

■ 494F5D

■ 1A2F5D

■ 52555D

■ 11285D

■ 5B5C5D

■ 07225D

■ 65625D

■ 001D5D

■ 6E695D

■ 776F5D

■ 80765D

■ 8A7C5D

# Harmonies

## Analogous

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



20465B



36425D



493D57

# Triad

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



36425D



5B3A31



284938

# Complementary

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



36425D



5D5136

# 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.



38462D



36425D



533E29

# Square

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



36425D



5D383E



474327



174A46

# Rectangle

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



36425D



533A50



474327



2D4834



# Sweetspot

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



36425D



686D78



365D51



33363D



BDBDBD



3D3D3D



# Same Dimension

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



36425D



3C4E78



3D365D



292B2E



00226E



0049ED



# Inverse Universe

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



5D3642



783C4E



565D36



2E292B



6E0022

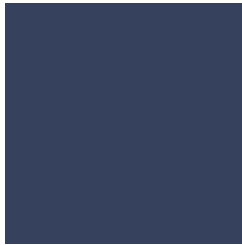


ED0049



# Previews

## White Background



This preview shows how the Hex color 36425D looks on a white background.

## Color Contrast Check

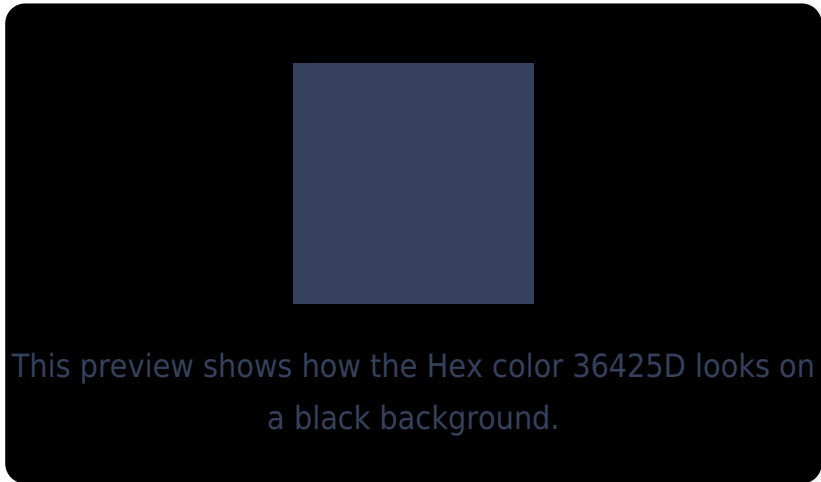
Large Text (above 18pt) WCAG AA ✓ Pass

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

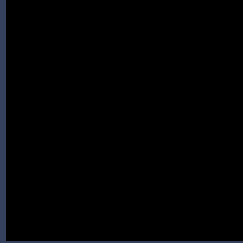
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

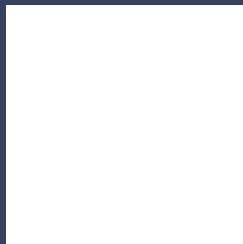
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36425D Background



This preview shows how black text looks on a background with the Hex color 36425D.



This preview shows how white text looks on a background with the Hex color 36425D.

# 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**  
36425D

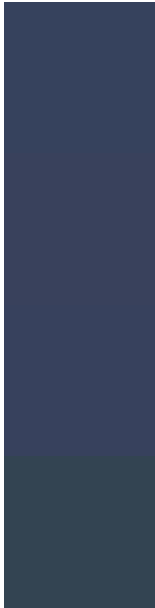
**Protanopia**  
3A415C

**Deuteranopia**  
38415D



**Tritanopia**  
31454B

# Trichromacy



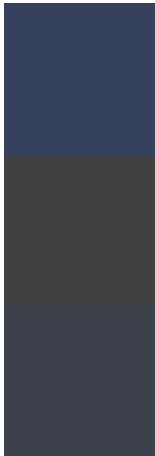
**Original Color**  
36425D

**Protanomaly**  
39415C

**Deuteranomaly**  
37415D

**Tritanomaly**  
334452

# Monochromacy



**Original Color**  
36425D

**Achromatopsia**  
414141

**Achromatomaly**  
3D414B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36425D 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 #36425D looks like.

```
.text, #text, p{  
    color:#36425D  
}
```

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 #36425D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36425D
}
```

## Border

The CSS property to change the border of an element to Hex 36425D 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
#36425D }
```

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

```
.border{ border-color:#36425D }
```

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

Here you see how a box with a 4 pixel #36425D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36425D; -webkit-box-shadow:4px 4px  
4px 4px #36425D; box-shadow:4px 4px 4px  
4px #36425D }
```

# Background

The CSS property to change the background color of an element to Hex 36425D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36425D }
```

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

```
.background{ background-color:#36425D }
```

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