

Converting Colors

Hex(35234D)

Have a look what the booklet for
Hex(35234D) contains.

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Color

Hex(35234D)

Conversions

Conversions Part 1

Format	Color
Hex	35234D
RGB	53, 35, 77
RGB Percent	21%, 14%, 30%
CMY	0.7922, 0.8627, 0.6980
CMYK	0.31, 0.55, 0.00, 0.70
HSL	266°, 37%, 22%
HSV	266°, 55%, 30%
XYZ	3.4088, 2.4948, 7.3231
YIQ	45.1700, -2.7540, 16.8780

Conversions

Conversions Part 2

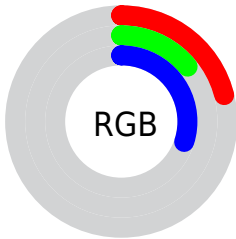
Format	Color
RYB	53, 35, 77
Decimal	3482445
CIELab	17.89, 18.79, -22.89
CIELCh	18, 29.618, 309.376
Yxy	2.4948, 0.2577, 0.1886
Android (android.graphics.Color)	4281672525 (0xFF35234D)
YUV	45.1700, 15.6922, 6.8669
Hunter-Lab	15.7948, 10.8823, -16.4326

Details

The Hex color **35234D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3B4D23**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **65507E**, and **020021** is the 20% darker color. If you saturate the color by 10%, you get **311B4D**, and if you desaturate by 10%, it is **392B4D**.

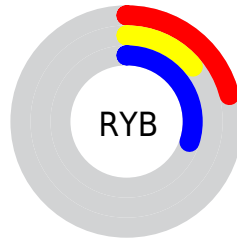
Distribution



Red (21%)

Green (14%)

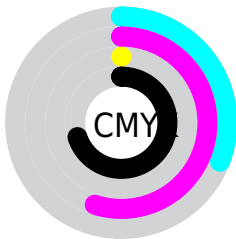
Blue (30%)



Red (21%)

Yellow (14%)

Blue (30%)

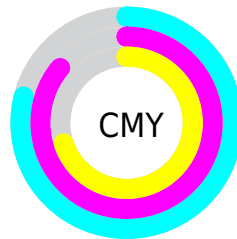


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (70%)



Cyan (79%)

Magenta (86%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35234D 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 35234D by changing the saturation by 10% instead.

■ 35234D

■ 35234D

FFFFFF

■ 1E0E36

■ 65507E

■ 020021

■ 7F6898

■ 000005

■ 9981B3

■ 000000

■ B49CCF

■ D0B7EB

■ ECD2FF

■ FFEFFF

■ 35234D

■ 35234D

■ 311B4D

■ 392B4D

■ 2C144D

■ 3E324D

■ 280C4D

■ 423A4D

■ 23044D

■ 47424D

■ 21004D

■ 4B4A4D

■ 4F514D

■ 54594D

■ 58614D

■ 5D684D

Harmonies

Analogous

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



022C56



35234D



4A193B

Triad

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



35234D



422500



003632

Complementary

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



35234D



3B4D23

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.



00351C



35234D



312D00

Square

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



35234D



4E1C12



193205



003546

Rectangle

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



35234D



51162D



193205



00362B

Sweetspot

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



35234D



5A5463



233C4D



2D2933



B3B3B3



333333

Same Dimension

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



35234D



3F2363



49234D



242226



2C0066



6200E6

Inverse Universe

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



4D233B



632348



274D23



262225



66003A



E60083

Previews

White Background



This preview shows how the Hex color 35234D 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

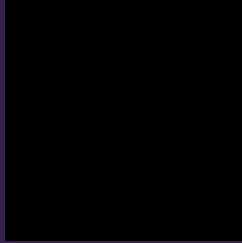
Any Text WCAG AA × Fail

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 35234D Background



This preview shows how black text looks on a background with the Hex color 35234D.



This preview shows how white text looks on a background with the Hex color 35234D.

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
35234D

Protanopia
142B55

Deuteranopia
162D4B



Tritanopia
2F2B2E

Trichromacy



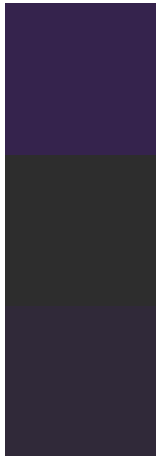
Original Color
35234D

Protanomaly
202852

Deuteranomaly
21294C

Tritanomaly
312839

Monochromacy



Original Color
35234D

Achromatopsia
2D2D2D

Achromatomaly
302939

CSS Examples

Text

The CSS property to change the color of the text to Hex 35234D 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 #35234D looks like.

```
.text, #text, p{  
    color:#35234D  
}
```

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 #35234D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35234D
}
```

Border

The CSS property to change the border of an element to Hex 35234D is called "border". The border property can be set on classes, ids or directly on the HTML element.

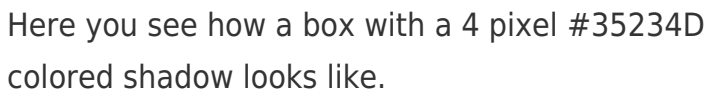
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35234D }
```

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

```
.border{ border-color:#35234D }
```

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



Here you see how a box with a 4 pixel #35234D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35234D; -webkit-box-shadow:4px 4px  
4px 4px #35234D; box-shadow:4px 4px 4px  
4px #35234D }
```

Background

The CSS property to change the background color of an element to Hex 35234D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35234D }
```

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

```
.background{ background-color:#35234D }
```

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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