

Converting Colors

Hex(030353)

Have a look what the booklet for
Hex(030353) contains.

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Color

Hex(030353)

Conversions

Conversions Part 1	
Format	Color
Hex	030353
RGB	3, 3, 83
RGB Percent	1%, 1%, 33%
CMY	0.9882, 0.9882, 0.6745
CMYK	0.96, 0.96, 0.00, 0.67
HSL	240°, 93%, 17%
HSV	240°, 96%, 33%
XYZ	1.6314, 0.7090, 8.2345
YIQ	12.1200, -25.6800, 24.8800

Conversions

Conversions Part 2

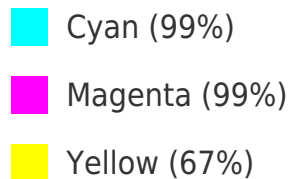
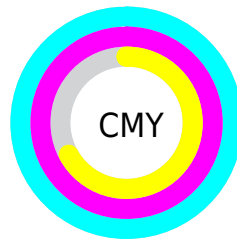
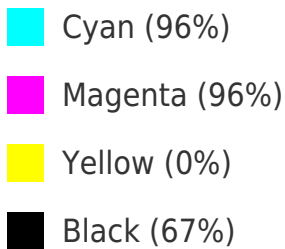
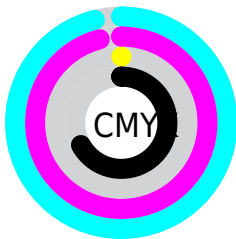
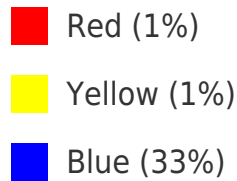
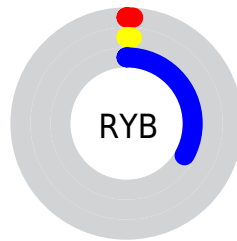
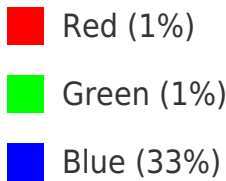
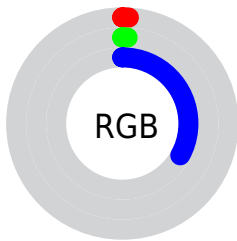
Format	Color
RYB	3, 3, 83
Decimal	197459
CIELab	6.40, 32.41, -45.95
CIELCh	6, 56.227, 305.194
Yxy	0.7090, 0.1543, 0.0670
Android (android.graphics.Color)	4278387539 (0xFF030353)
YUV	12.1200, 34.9438, -7.9982
Hunter-Lab	8.4203, 19.8491, -52.0873

Details

The Hex color **030353** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **535303**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **432E86**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **000053**, and if you desaturate by 10%, it is **0B0B53**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 030353 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 030353 by changing the saturation by 10% instead.

 030353

 030353

 FFE3FF

 00003B

 432E86

 000225

 5E45A0

 00010D

 795EBC

 000000

 9477D8

 B090F4

 CCABFF

 E9C7FF

 030353

 030353

000053

0B0B53

141453

1C1C53

242453

2D2D53

353553

3D3D53

454553

4E4E53

Harmonies

Analogous

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



001A62



030353



400034

Triad

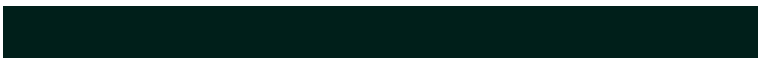
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



030353



320200



001F1A

Complementary

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



030353



535303

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.



001E00



030353



141600

Square

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



030353



460000



001E00



00213F

Rectangle

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



030353



4B001C



001E00



001F0B

Sweetspot

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



030353



4C4C6B



035353



232336



B5B5B5



363636

Same Dimension

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



030353



00006B



2B0353



252529



000069



0000E8

Inverse Universe

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



530353



6B006B



2B5303



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 030353 looks on a white background.

Color Contrast Check

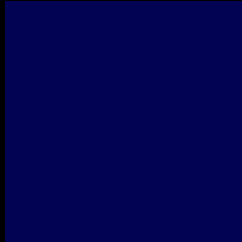
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 030353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

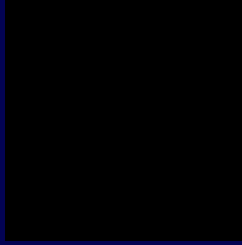
Any Text WCAG AA × Fail

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 030353 Background



This preview shows how black text looks on a background with the Hex color 030353.



This preview shows how white text looks on a background with the Hex color 030353.

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
030353


Protanopia
001833

Deuteranopia
001A2B




Tritanopia
001C1D

Trichromacy

	Original Color 030353
	Protanomaly 01103F
	Deuteranomaly 01123A
	Tritanomaly 011331

Monochromacy

	Original Color 030353
	Achromatopsia 0C0C0C
	Achromatomaly 090926

CSS Examples

Text

The CSS property to change the color of the text to Hex 030353 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 #030353 looks like.

```
.text, #text, p{  
    color:#030353  
}
```

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 #030353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030353
}
```

Border

The CSS property to change the border of an element to Hex 030353 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
#030353 }
```

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

```
.border{ border-color:#030353 }
```

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

Here you see how a box with a 4 pixel #030353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030353; -webkit-box-shadow:4px 4px  
4px 4px #030353; box-shadow:4px 4px 4px  
4px #030353 }
```

Background

The CSS property to change the background color of an element to Hex 030353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030353 }
```

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

```
.background{ background-color:#030353 }
```

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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