

Converting Colors

Hex(053233)

Have a look what the booklet for
Hex(053233) contains.

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Color

Hex(053233)

Conversions

Conversions Part 1

Format	Color
Hex	053233
RGB	5, 50, 51
RGB Percent	2%, 20%, 20%
CMY	0.9804, 0.8039, 0.8000
CMYK	0.90, 0.02, 0.00, 0.80
HSL	181°, 82%, 11%
HSV	181°, 90%, 20%
XYZ	1.8007, 2.5525, 3.5297
YIQ	36.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

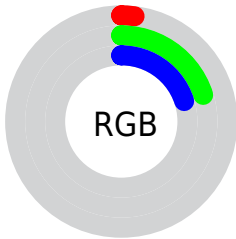
Format	Color
RYB	5, 28, 51
Decimal	340531
CIELab	18.15, -13.92, -4.88
CIELCh	18, 14.756, 199.330
Yxy	2.5525, 0.2284, 0.3238
Android (android.graphics.Color)	4278530611 (0xFF053233)
YUV	36.6590, 7.0701, -27.7649
Hunter-Lab	15.9765, -7.8399, -1.9156

Details

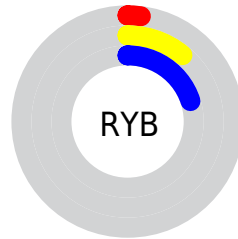
The Hex color **053233** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330605**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **386161**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **003233**, and if you desaturate by 10%, it is **0A3233**.

Distribution



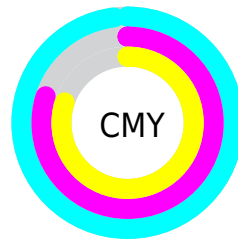
- Red (2%)
- Green (20%)
- Blue (20%)



- Red (2%)
- Yellow (11%)
- Blue (20%)



- Cyan (90%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053233 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 053233 by changing the saturation by 10% instead.

 053233


 053233

 F3FFFF

 001D1E

 386161

 000004

 51797A

 000000

 6A9394

 84AEAE

 9EC9CA

 BAE5E6

 D6FFFF

 053233

 053233

■ 003233

■ 0A3233

■ 0F3233

■ 143233

■ 193233

■ 1E3333

■ 243333

■ 293333

■ 2E3333

■ 333333

Harmonies

Analogous

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



133228



053233



05313C

Triad

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



053233



36273A



372A17

Complementary

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



053233



330605

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.



3E271D



053233



3F2431

Square

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



053233



282B40



412426



2C2E18

Rectangle

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



053233



102F40



412426



3A2919

Sweetspot

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



053233



304242



053306



172121



A1A1A1



212121

Same Dimension

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



053233



004142



051B33



17191A



005759



00D4D9

Inverse Universe

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



330532



420041



331D05



1A1719



590057



D900D4

Previews

White Background



This preview shows how the Hex color 053233 looks on a white background.

Color Contrast Check

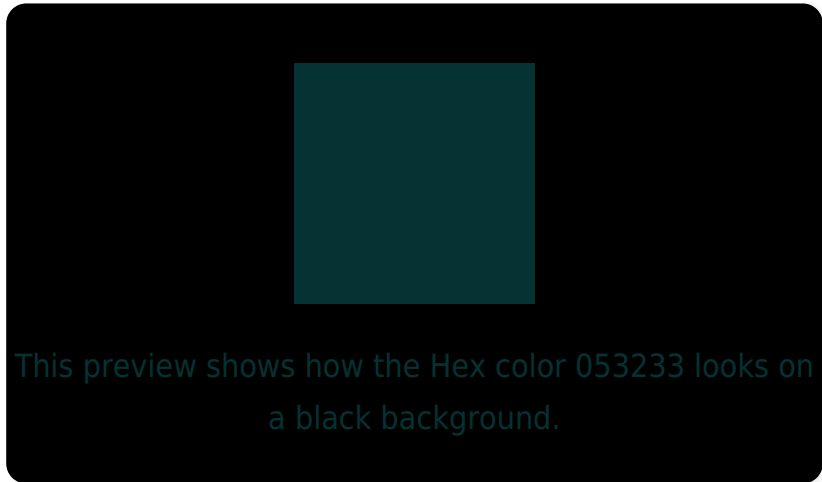
Large Text (above 18pt) WCAG AA ✓ Pass

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

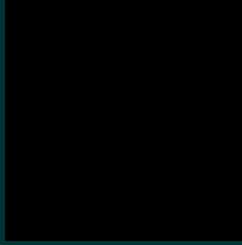
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

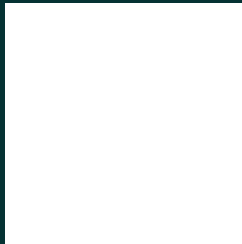
Any Text WCAG AAA × Fail

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

Hex 053233 Background



This preview shows how black text looks on a background with the Hex color 053233.



This preview shows how white text looks on a background with the Hex color 053233.

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

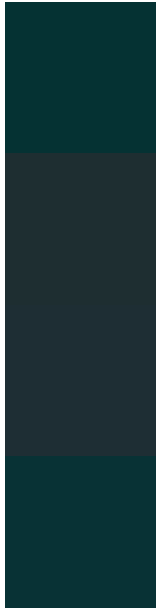


Original Color
053233

Protanopia
2D2C30

Deuteranopia
2D2C34

Trichromacy



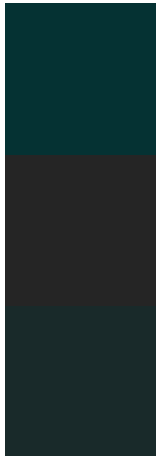
Original Color
053233

Protanomaly
1E2E31

Deuteranomaly
1E2E34

Tritanomaly
083235

Monochromacy



Original Color
053233

Achromatopsia
252525

Achromatomaly
192A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 053233 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 #053233 looks like.

```
.text, #text, p{  
    color:#053233  
}
```

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 #053233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053233
}
```

Border

The CSS property to change the border of an element to Hex 053233 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
#053233 }
```

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

```
.border{ border-color:#053233 }
```

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

Here you see how a box with a 4 pixel #053233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053233; -webkit-box-shadow:4px 4px  
4px 4px #053233; box-shadow:4px 4px 4px  
4px #053233 }
```

Background

The CSS property to change the background color of an element to Hex 053233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053233 }
```

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

```
.background{ background-color:#053233 }
```

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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