

Converting Colors

Hex(000538)

Have a look what the booklet for
Hex(000538) contains.

Hex(000538)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000538)

Conversions

Conversions Part 1

Format	Color
Hex	000538
RGB	0, 5, 56
RGB Percent	0%, 2%, 22%
CMY	1.0000, 0.9804, 0.7804
CMYK	1.00, 0.91, 0.00, 0.78
HSL	235°, 100%, 11%
HSV	235°, 100%, 22%
XYZ	0.7681, 0.3941, 3.7770
YIQ	9.3190, -19.3510, 14.8010

Conversions

Conversions Part 2

Format	Color
RYB	0, 5, 56
Decimal	1336
CIELab	3.56, 16.12, -31.50
CIELCh	4, 35.388, 297.100
Yxy	0.3941, 0.1555, 0.0798
Android (android.graphics.Color)	4278191416 (0xFF000538)
YUV	9.3190, 23.0137, -8.1728
Hunter-Lab	6.2775, 10.8549, -31.2788

Details

The Hex color **000538** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **383300**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **323268**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **000538**, and if you desaturate by 10%, it is **060A38**.

Distribution



- Red (0%)
- Green (2%)
- Blue (22%)



- Red (0%)
- Yellow (2%)
- Blue (22%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (98%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000538 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 000538 by changing the saturation by 10% instead.

 000538

 000538

 EDE5FF

 000222

 323268

 000008

 4B4981

 000000

 64609B

 7E79B6

 9993D2

 B4ADEE

 D1C9FF

 000538

■ 060A38

■ 0B0F38

■ 111438

■ 161938

■ 1C1F38

■ 222438

■ 272938

■ 2D2E38

■ 323338

Harmonies

Analogous

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



00123D



000538



270028

Triad

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



000538



280000



001508

Complementary

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



000538



383300

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.



001500



000538



150B00

Square

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



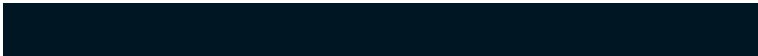
000538



320000



001500



001623

Rectangle

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



000538



31001A



001500

Sweetspot

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



000538



34364A



003832



181A26



A6A6A6



262626

Same Dimension

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



000538



00074A



160038



19191C



00085C



0014DB

Inverse Universe

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



380005



4A0007



223800



1C1919



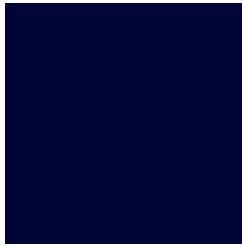
5C0008



DB0014

Previews

White Background



This preview shows how the Hex color 000538 looks on a white background.

Color Contrast Check

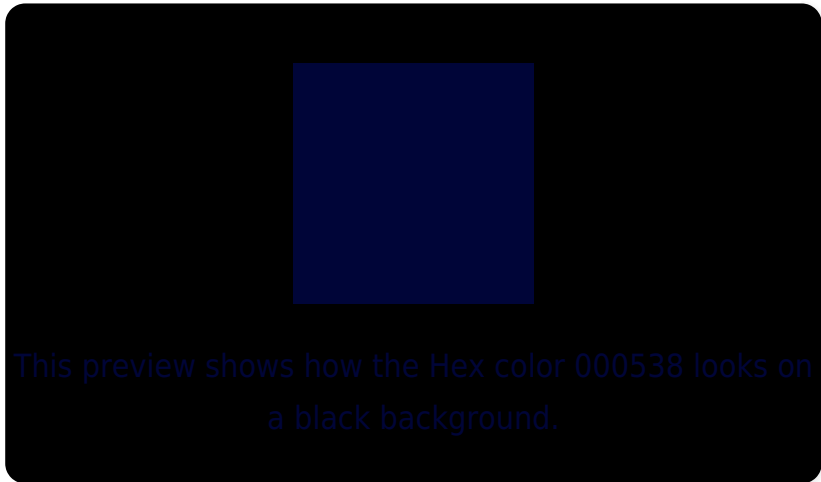
Large Text (above 18pt) WCAG AA ✓ Pass

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

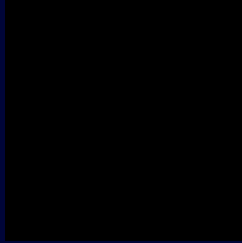
Any Text WCAG AA × Fail

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 000538 Background



This preview shows how black text looks on a background with the Hex color 000538.



This preview shows how white text looks on a background with the Hex color 000538.

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
000538

Protanopia
001123

Deuteranopia
00121E



Tritanopia
001314

Trichromacy



Original Color
000538

Protanomaly
000D2B

Deuteranomaly
000D27

Tritanomaly
000E21

Monochromacy



Original Color
000538

Achromatopsia
090909

Achromatomaly
06081A

CSS Examples

Text

The CSS property to change the color of the text to Hex 000538 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 #000538 looks like.

```
.text, #text, p{  
    color:#000538  
}
```

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 #000538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000538
}
```

Border

The CSS property to change the border of an element to Hex 000538 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
#000538 }
```

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

```
.border{ border-color:#000538 }
```

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

Here you see how a box with a 4 pixel #000538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000538; -webkit-box-shadow:4px 4px  
4px 4px #000538; box-shadow:4px 4px 4px  
4px #000538 }
```

Background

The CSS property to change the background color of an element to Hex 000538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000538 }
```

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

```
.background{ background-color:#000538 }
```

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