

Converting Colors

Hex(026356)

Have a look what the booklet for
Hex(026356) contains.

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Color

Hex(026356)

Conversions

Conversions Part 1

Format	Color
Hex	026356
RGB	2, 99, 86
RGB Percent	1%, 39%, 34%
CMY	0.9922, 0.6118, 0.6627
CMYK	0.98, 0.00, 0.13, 0.61
HSL	172°, 96%, 20%
HSV	172°, 98%, 39%
XYZ	6.1666, 9.6085, 10.3337
YIQ	68.5150, -53.6390, -24.6070

Conversions

Conversions Part 2

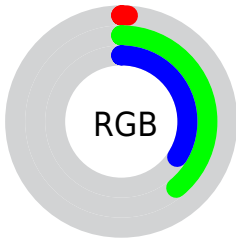
Format	Color
R_{YB}	2, 54, 99
Decimal	156502
CIE _{Lab}	37.13, -28.10, 0.38
CIE _{LCh}	37, 28.101, 179.233
Yxy	9.6085, 0.2362, 0.3680
Android (android.graphics.Color)	4278346582 (0xFF026356)
YUV	68.5150, 8.6201, -58.3337
Hunter-Lab	30.9975, -18.7352, 1.9327

Details

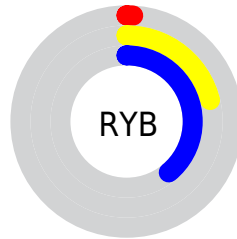
The Hex color **026356** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63020F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **479688**, and **003329** is the 20% darker color. If you saturate the color by 10%, you get **006356**, and if you desaturate by 10%, it is **0C6357**.

Distribution



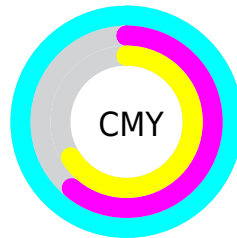
- Red (1%)
- Green (39%)
- Blue (34%)



- Red (1%)
- Yellow (21%)
- Blue (39%)



- Cyan (98%)
- Magenta (0%)
- Yellow (13%)
- Black (61%)



- Cyan (99%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 026356 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 026356 by changing the saturation by 10% instead.

 026356

 026356

FFFFFF

 004B3F

 479688

 003329

 62B1A2

 002014

 7ECDBD

 000000

 99E9D9

 B5FFF5

 D2FFFF

 EFFFFFF

 026356

 026356

■ 006356

■ 0C6357

■ 166359

■ 20635A

■ 2A635B

■ 34635D

■ 3D635E

■ 47635F

■ 516361

■ 5B6362

Harmonies

Analogous

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



33613F



026356



00636D

Triad

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



026356



58527F



784E31

Complementary

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



026356



63020F

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.



824742



026356



73496F

Square

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



026356



315A84



814559



665629

Rectangle

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



026356



006179



814559



7C4B36

Sweetspot

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



026356



5B807B



116302



29403D



BFBFBF



404040

Same Dimension

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



026356



00806E



024163



2C3030



007061



00F0D0

Inverse Universe

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



63020F



800011



632402



302C2C



70000F



F00020

Previews

White Background



This preview shows how the Hex color 026356 looks on a white background.

Color Contrast Check

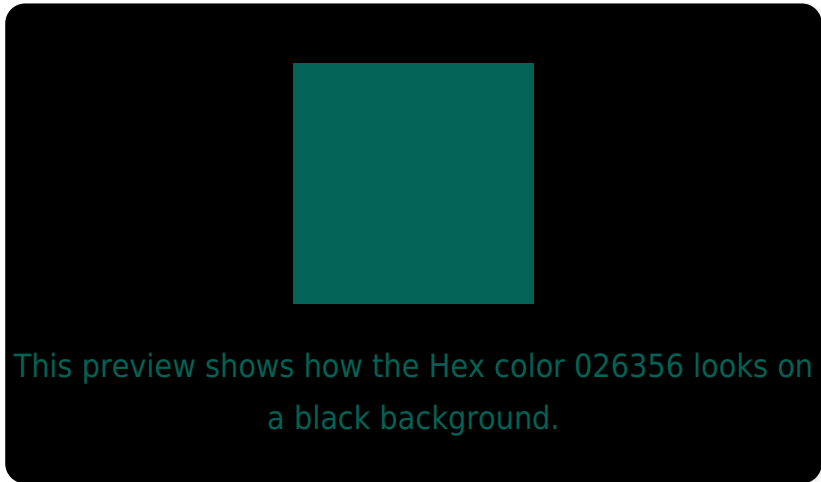
Large Text (above 18pt) WCAG AA ✓ Pass

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

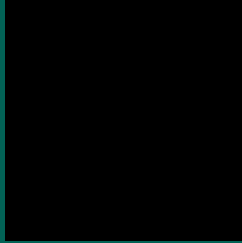
Any Text WCAG AA × Fail

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 026356 Background



This preview shows how black text looks on a background with the Hex color 026356.



This preview shows how white text looks on a background with the Hex color 026356.

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
026356

Protanopia
5B574F

Deuteranopia
5F5559



Tritanopia
1B6068

Trichromacy



Original Color
026356

Protanomaly
3B5B52

Deuteranomaly
3D5A58

Tritanomaly
126161

Monochromacy



Original Color
026356

Achromatopsia
454545

Achromatomaly
2D504B

CSS Examples

Text

The CSS property to change the color of the text to Hex 026356 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 #026356 looks like.

```
.text, #text, p{  
    color:#026356  
}
```

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 #026356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026356
}
```

Border

The CSS property to change the border of an element to Hex 026356 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
#026356 }
```

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

```
.border{ border-color:#026356 }
```

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

Here you see how a box with a 4 pixel #026356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026356; -webkit-box-shadow:4px 4px  
4px 4px #026356; box-shadow:4px 4px 4px  
4px #026356 }
```

Background

The CSS property to change the background color of an element to Hex 026356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026356 }
```

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

```
.background{ background-color:#026356 }
```

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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