

Converting Colors

Hex(036353)

Have a look what the booklet for
Hex(036353) contains.

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Color

Hex(036353)

Conversions

Conversions Part 1

Format	Color
Hex	036353
RGB	3, 99, 83
RGB Percent	1%, 39%, 33%
CMY	0.9882, 0.6118, 0.6745
CMYK	0.97, 0.00, 0.16, 0.61
HSL	170°, 94%, 20%
HSV	170°, 97%, 39%
XYZ	6.0607, 9.5676, 9.7109
YIQ	68.4720, -52.0800, -25.3280

Conversions

Conversions Part 2

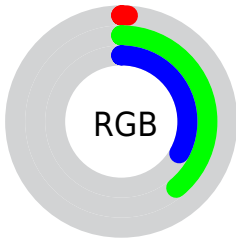
Format	Color
R_{YB}	3, 55, 99
Decimal	222035
CIE _{Lab}	37.05, -28.93, 2.12
CIE _{LCh}	37, 29.007, 175.815
Yxy	9.5676, 0.2392, 0.3776
Android (android.graphics.Color)	4278412115 (0xFF036353)
YUV	68.4720, 7.1623, -57.4189
Hunter-Lab	30.9315, -19.1548, 3.0380

Details

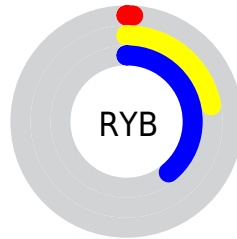
The Hex color **036353** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630313**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **479684**, and **003326** is the 20% darker color. If you saturate the color by 10%, you get **006352**, and if you desaturate by 10%, it is **0D6355**.

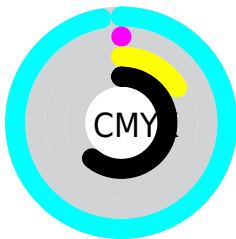
Distribution



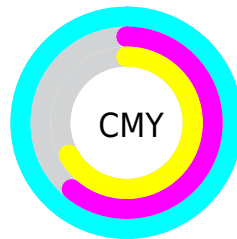
- Red (1%)
- Green (39%)
- Blue (33%)



- Red (1%)
- Yellow (22%)
- Blue (39%)



- Cyan (97%)
- Magenta (0%)
- Yellow (16%)
- Black (61%)



- Cyan (99%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 036353 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 036353 by changing the saturation by 10% instead.

 036353

 036353

FFFFFF

 004B3C

 479684

 003326

 62B19E

 002012

 7ECDB9

 000000

 99E9D5

 B5FFF1

 D2FFFF

 EFFFFFF

 036353

 036353

■ 006352

■ 0D6355

■ 176356

■ 216358

■ 2B635A

■ 35635B

■ 3E635D

■ 48635F

■ 526360

■ 5C6362

Harmonies

Analogous

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



35613C



036353



00636B

Triad

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



036353



545281



7A4C31

Complementary

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



036353



630313

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.



834544



036353



714A72

Square

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



036353



285B86



81445B



685528

Rectangle

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



036353



006178



81445B



7E4A37

Sweetspot

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



036353



5B8079



136303



29403C



BFBFBF



404040

Same Dimension

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



036353



00806A



034363



2C3030



00705D



00F0C8

Inverse Universe

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



630313



800015



632303



302C2C



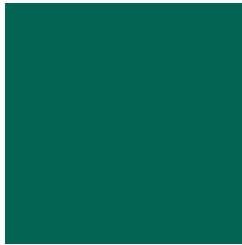
700013



F00028

Previews

White Background



This preview shows how the Hex color 036353 looks on a white background.

Color Contrast Check

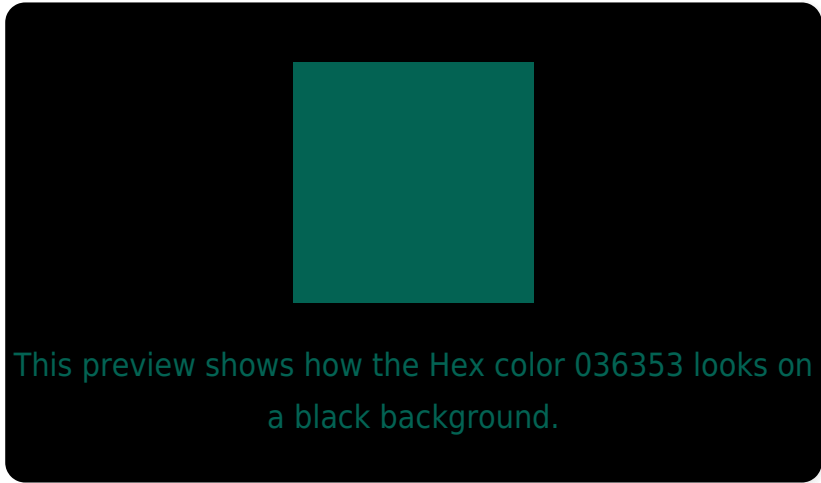
Large Text (above 18pt) WCAG AA ✓ Pass

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

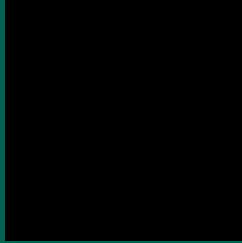
Any Text WCAG AA × Fail

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 036353 Background



This preview shows how black text looks on a background with the Hex color 036353.

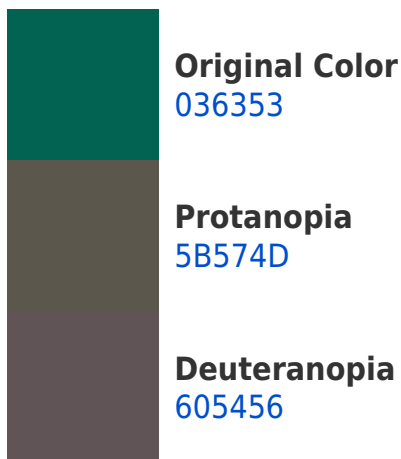


This preview shows how white text looks on a background with the Hex color 036353.

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





Tritanopia
1C6068

Trichromacy



Original Color
036353

Protanomaly
3B5B4F

Deuteranomaly
3E5955

Tritanomaly
136160

Monochromacy



Original Color
036353

Achromatopsia
444444

Achromatomaly
2C4F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 036353 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 #036353 looks like.

```
.text, #text, p{  
    color:#036353  
}
```

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 #036353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036353
}
```

Border

The CSS property to change the border of an element to Hex 036353 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
#036353 }
```

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

```
.border{ border-color:#036353 }
```

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

Here you see how a box with a 4 pixel #036353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036353; -webkit-box-shadow:4px 4px  
4px 4px #036353; box-shadow:4px 4px 4px  
4px #036353 }
```

Background

The CSS property to change the background color of an element to Hex 036353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036353 }
```

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

```
.background{ background-color:#036353 }
```

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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