

Converting Colors

Hex(044753)

Have a look what the booklet for
Hex(044753) contains.

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Color

Hex(044753)

Conversions

Conversions Part 1

Format	Color
Hex	044753
RGB	4, 71, 83
RGB Percent	2%, 28%, 33%
CMY	0.9843, 0.7216, 0.6745
CMYK	0.95, 0.14, 0.00, 0.67
HSL	189°, 91%, 17%
HSV	189°, 95%, 33%
XYZ	3.8646, 5.1568, 8.9753
YIQ	52.3350, -43.7840, -10.4720

Conversions

Conversions Part 2

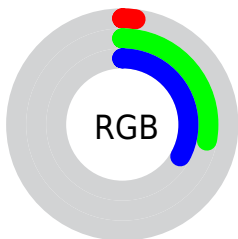
Format	Color
R_{YB}	4, 40, 83
Decimal	280403
CIE _{Lab}	27.18, -14.17, -12.60
CIE _{LCh}	27, 18.964, 221.632
Yxy	5.1568, 0.2147, 0.2865
Android (android.graphics.Color)	4278470483 (0xFF044753)
YUV	52.3350, 15.1178, -42.3898
Hunter-Lab	22.7086, -9.3623, -7.5376

Details

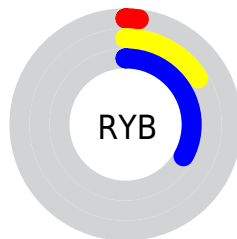
The Hex color **044753** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **531004**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **427884**, and **001C26** is the 20% darker color. If you saturate the color by 10%, you get **004653**, and if you desaturate by 10%, it is **0C4853**.

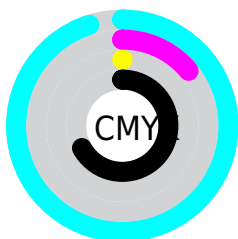
Distribution



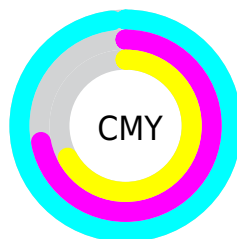
- Red (2%)
- Green (28%)
- Blue (33%)



- Red (2%)
- Yellow (16%)
- Blue (33%)



- Cyan (95%)
- Magenta (14%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044753 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 044753 by changing the saturation by 10% instead.

044753

044753

FFFFFF

00303C

427884

001C26

5C919F

000111

76ACBA

000000

91C7D5

ADE3F2

C9FFFF

E5FFFF

044753

044753

■ 004653

■ 0C4853

■ 154A53

■ 1D4B53

■ 254C53

■ 2D4D53

■ 364F53

■ 3E5053

■ 465153

■ 4F5253

Harmonies

Analogous

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



0D4846



044753



1B445B

Triad

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



044753



57364A



444123

Complementary

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



044753



531004

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.



513C25



044753



5C353B

Square

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



044753



493A56



5A382E



34452A

Rectangle

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



044753



2C415D



5A382E



494023

Sweetspot

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



044753



4C666B



045310



233336



B5B5B5



363636

Same Dimension

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



044753



005B6B



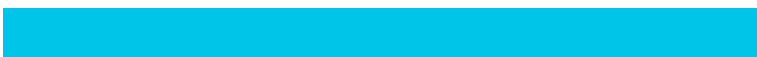
042053



252829



005969



00C5E8

Inverse Universe

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



530447



6B005B



533704



292528



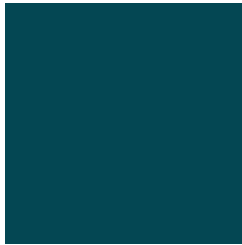
690059



E800C5

Previews

White Background



This preview shows how the Hex color 044753 looks on a white background.

Color Contrast Check

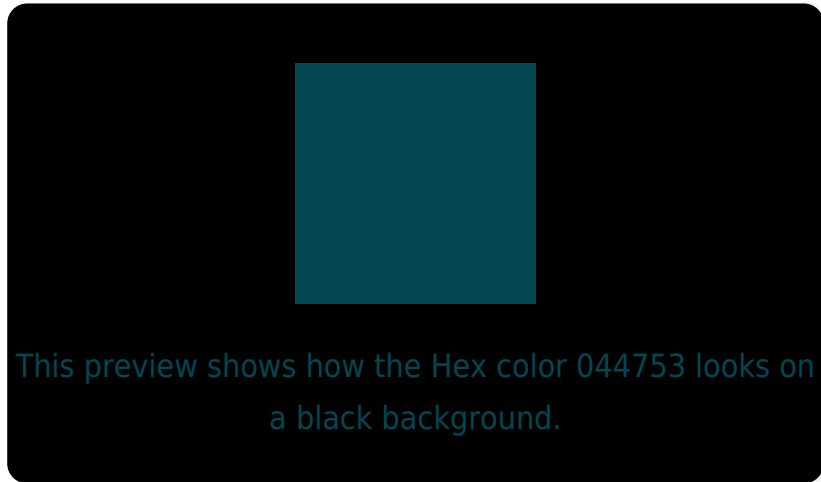
Large Text (above 18pt) WCAG AA ✓ Pass

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

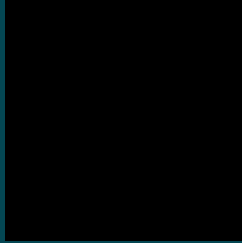
Any Text WCAG AA × Fail

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 044753 Background



This preview shows how black text looks on a background with the Hex color 044753.

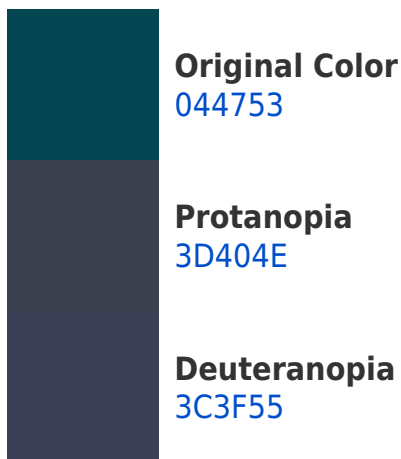



This preview shows how white text looks on a background with the Hex color 044753.

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](#).

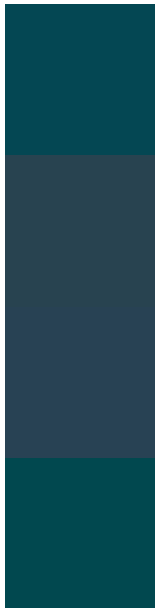
Dichromacy





Tritanopia
00484D

Trichromacy



Original Color
044753

Protanomaly
284350

Deuteranomaly
284254

Tritanomaly
01484F

Monochromacy



Original Color
044753

Achromatopsia
343434

Achromatomaly
233B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 044753 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 #044753 looks like.

```
.text, #text, p{  
    color:#044753  
}
```

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 #044753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044753
}
```

Border

The CSS property to change the border of an element to Hex 044753 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
#044753 }
```

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

```
.border{ border-color:#044753 }
```

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

Here you see how a box with a 4 pixel #044753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044753; -webkit-box-shadow:4px 4px  
4px 4px #044753; box-shadow:4px 4px 4px  
4px #044753 }
```

Background

The CSS property to change the background color of an element to Hex 044753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044753 }
```

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

```
.background{ background-color:#044753 }
```

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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