

Converting Colors

Hex(044C52)

Have a look what the booklet for
Hex(044C52) contains.

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Color

Hex(044C52)

Conversions

Conversions Part 1

Format	Color
Hex	044C52
RGB	4, 76, 82
RGB Percent	2%, 30%, 32%
CMY	0.9843, 0.7020, 0.6784
CMYK	0.95, 0.07, 0.00, 0.68
HSL	185°, 91%, 17%
HSV	185°, 95%, 32%
XYZ	4.1575, 5.8039, 8.8838
YIQ	55.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

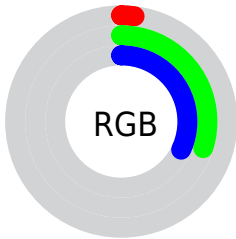
Format	Color
R _Y B	4, 41, 82
Decimal	281682
CIE Lab	28.91, -17.42, -9.31
CIE LCh	29, 19.748, 208.127
Yxy	5.8039, 0.2206, 0.3080
Android (android.graphics.Color)	4278471762 (0xFF044C52)
YUV	55.1560, 13.2341, -44.8638
Hunter-Lab	24.0913, -11.3554, -4.9996

Details

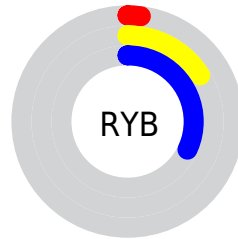
The Hex color **044C52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **520A04**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **427D83**, and **002025** is the 20% darker color. If you saturate the color by 10%, you get **004C52**, and if you desaturate by 10%, it is **0C4D52**.

Distribution



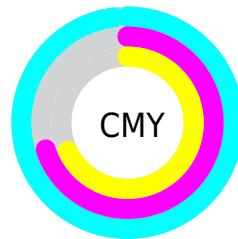
- Red (2%)
- Green (30%)
- Blue (32%)



- Red (2%)
- Yellow (16%)
- Blue (32%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (68%)



- Cyan (98%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044C52 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 044C52 by changing the saturation by 10% instead.

044C52

044C52

FFFFFF

00353B

427D83

002025

5D979D

000111

77B2B8

000000

92CED4

AEEAF0

CAFFFF

E7FFFF

044C52

044C52

■ 004C52

■ 0C4D52

■ 144D52

■ 1D4E52

■ 254F52

■ 2D4F52

■ 355052

■ 3D5052

■ 465152

■ 4E5252

Harmonies

Analogous

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



194C43



044C52



114A5E

Triad

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



044C52



563B54



4F4325

Complementary

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



044C52



520A04

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.



5B3E2B



044C52



603846

Square

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



044C52



45415F



613937



3F4829

Rectangle

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



044C52



234762



613937



544126

Sweetspot

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



044C52



4C696B



045209



233436



B5B5B5



363636

Same Dimension

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



044C52



00636B



042652



252829



006169



00D6E8

Inverse Universe

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



52044C



6B0063



523004



292528



690061



E800D6

Previews

White Background



This preview shows how the Hex color 044C52 looks on a white background.

Color Contrast Check

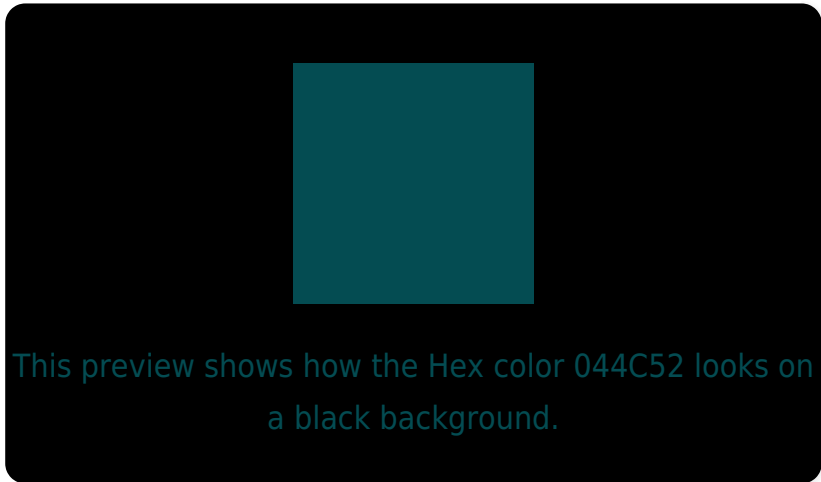
Large Text (above 18pt) WCAG AA ✓ Pass

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

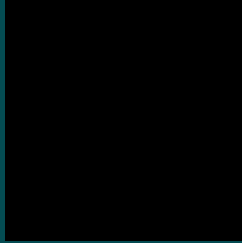
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

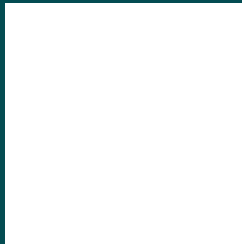
Any Text WCAG AAA × Fail

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

Hex 044C52 Background



This preview shows how black text looks on a background with the Hex color 044C52.

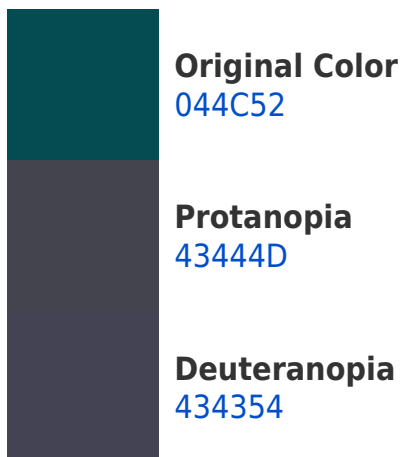


This preview shows how white text looks on a background with the Hex color 044C52.

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](#).

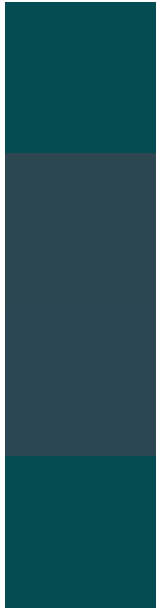
Dichromacy





Tritanopia
054C52

Trichromacy



Original Color
044C52

Protanomaly
2C474F

Deuteranomaly
2C4653

Tritanomaly
054C52

Monochromacy



Original Color
044C52

Achromatopsia
373737

Achromatomaly
243F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 044C52 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 #044C52 looks like.

```
.text, #text, p{  
    color:#044C52  
}
```

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 #044C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044C52
}
```

Border

The CSS property to change the border of an element to Hex 044C52 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
#044C52 }
```

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

```
.border{ border-color:#044C52 }
```

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

Here you see how a box with a 4 pixel #044C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044C52; -webkit-box-shadow:4px 4px  
4px 4px #044C52; box-shadow:4px 4px 4px  
4px #044C52 }
```

Background

The CSS property to change the background color of an element to Hex 044C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044C52 }
```

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

```
.background{ background-color:#044C52 }
```

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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