

Converting Colors

Hex(045466)

Have a look what the booklet for
Hex(045466) contains.

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Color

Hex(045466)

Conversions

Conversions Part 1

Format	Color
Hex	045466
RGB	4, 84, 102
RGB Percent	2%, 33%, 40%
CMY	0.9843, 0.6706, 0.6000
CMYK	0.96, 0.18, 0.00, 0.60
HSL	191°, 92%, 21%
HSV	191°, 96%, 40%
XYZ	5.6187, 7.3258, 13.6883
YIQ	62.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

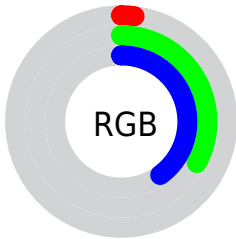
Format	Color
RYB	4, 48, 102
Decimal	283750
CIELab	32.54, -14.44, -16.51
CIELCh	33, 21.928, 228.825
Yxy	7.3258, 0.2110, 0.2751
Android (android.graphics.Color)	4278473830 (0xFF045466)
YUV	62.1320, 19.6549, -50.9818
Hunter-Lab	27.0662, -10.3109, -11.0386

Details

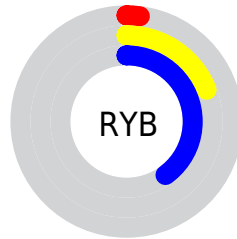
The Hex color **045466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **661604**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **478699**, and **002737** is the 20% darker color. If you saturate the color by 10%, you get **005366**, and if you desaturate by 10%, it is **0E5666**.

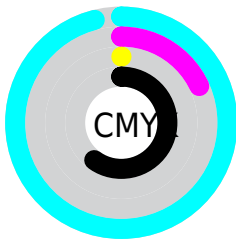
Distribution



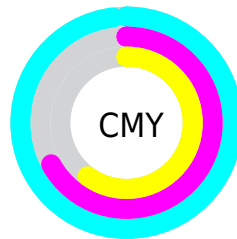
- Red (2%)
- Green (33%)
- Blue (40%)



- Red (2%)
- Yellow (19%)
- Blue (40%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045466 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 045466 by changing the saturation by 10% instead.

045466

045466

FFFFFF

003D4E

478699

002737

63A0B4

001222

7EBBCF

000009

99D7EC

000000

B5F3FF

D2FFFF

FFFFFF

045466

045466

■ 005366

■ 0E5666

■ 185866

■ 235A66

■ 2D5B66

■ 375D66

■ 415F66

■ 4B6166

■ 566366

■ 606566

Harmonies

Analogous

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



055657



045466



27506E

Triad

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



045466



6A4054



4D4F2B

Complementary

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



045466



661604

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.



5E492B



045466



6E3F42

Square

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



045466



5C4463



694333



395335

Rectangle

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



045466



3C4D6E



694333



534D2A

Sweetspot

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



045466



5E7E85



046616



2B3E42



C2C2C2



424242

Same Dimension

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



045466



006C85



042366



2E3233



005E73



00C6F2

Inverse Universe

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



660454



85006C



664704



332E32



73005E



F200C6

Previews

White Background



This preview shows how the Hex color 045466 looks on a white background.

Color Contrast Check

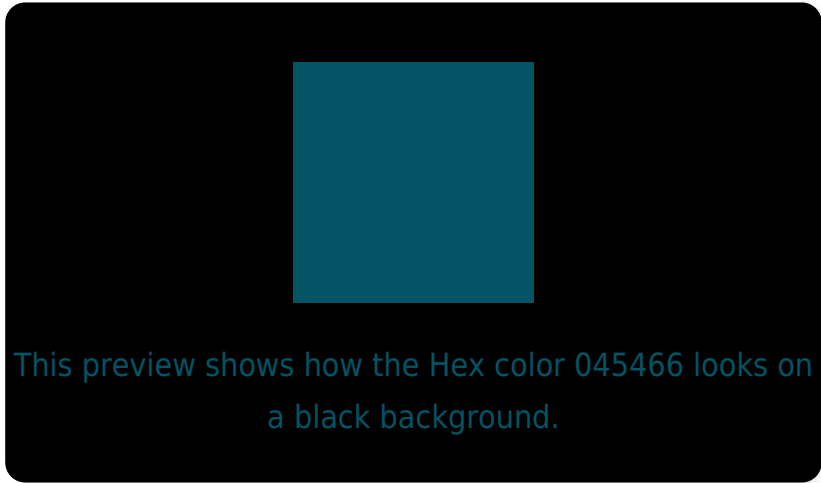
Large Text (above 18pt) WCAG AA ✓ Pass

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

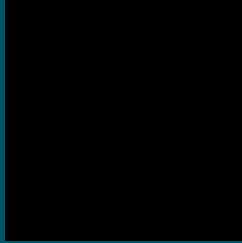
Any Text WCAG AA × Fail

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 045466 Background



This preview shows how black text looks on a background with the Hex color 045466.

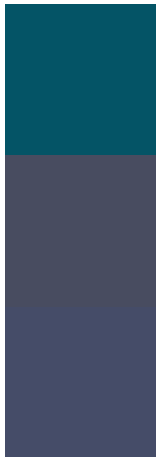


This preview shows how white text looks on a background with the Hex color 045466.

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
045466

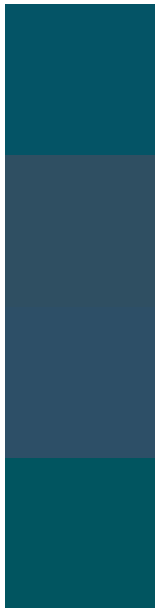
Protanopia
484C60

Deuteranopia
454C68



Tritanopia
00555C

Trichromacy



Original Color
045466

Protanomaly
2F4F62

Deuteranomaly
2D4F67

Tritanomaly
015560

Monochromacy



Original Color
045466

Achromatopsia
3E3E3E

Achromatomaly
29464D

CSS Examples

Text

The CSS property to change the color of the text to Hex 045466 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 #045466 looks like.

```
.text, #text, p{  
    color:#045466  
}
```

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 #045466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045466
}
```

Border

The CSS property to change the border of an element to Hex 045466 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
#045466 }
```

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

```
.border{ border-color:#045466 }
```

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

Here you see how a box with a 4 pixel #045466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045466; -webkit-box-shadow:4px 4px  
4px 4px #045466; box-shadow:4px 4px 4px  
4px #045466 }
```

Background

The CSS property to change the background color of an element to Hex 045466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045466 }
```

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

```
.background{ background-color:#045466 }
```

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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