

Converting Colors

Hex(045354)

Have a look what the booklet for
Hex(045354) contains.

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Color

Hex(045354)

Conversions

Conversions Part 1

Format	Color
Hex	045354
RGB	4, 83, 84
RGB Percent	2%, 33%, 33%
CMY	0.9843, 0.6745, 0.6706
CMYK	0.95, 0.01, 0.00, 0.67
HSL	181°, 91%, 17%
HSV	181°, 95%, 33%
XYZ	4.7436, 6.8524, 9.4601
YIQ	59.4930, -47.4050, -16.4370

Conversions

Conversions Part 2

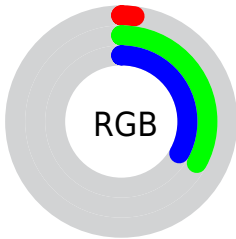
Format	Color
R_{YB}	4, 44, 84
Decimal	283476
CIE _{Lab}	31.47, -20.52, -6.74
CIE _{LCh}	31, 21.596, 198.183
Yxy	6.8524, 0.2253, 0.3254
Android (android.graphics.Color)	4278473556 (0xFF045354)
YUV	59.4930, 12.0820, -48.6674
Hunter-Lab	26.1771, -13.4640, -3.1028

Details

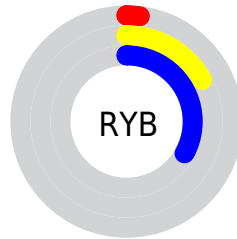
The Hex color **045354** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **540504**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **448585**, and **002627** is the 20% darker color. If you saturate the color by 10%, you get **005354**, and if you desaturate by 10%, it is **0C5354**.

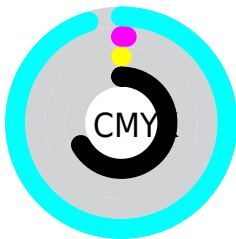
Distribution



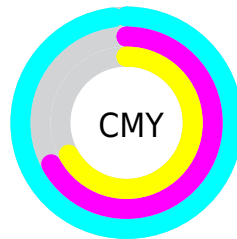
- Red (2%)
- Green (33%)
- Blue (33%)



- Red (2%)
- Yellow (17%)
- Blue (33%)



- Cyan (95%)
- Magenta (1%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 045354 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 045354 by changing the saturation by 10% instead.

 045354

 045354

FFFFFF

 003C3D

 448585

 002627

 5F9FA0

 000B13

 79BABB

 000000

 94D6D6

 B0F3F3

 CCFFFF

 E9FFFF

 045354

 045354

■ 005354

■ 0C5354

■ 155354

■ 1D5354

■ 265354

■ 2E5454

■ 365454

■ 3F5454

■ 475454

■ 505454

Harmonies

Analogous

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



215343



045354



025163

Triad

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



045354



594261



5B4729

Complementary

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



045354



540504

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.



664132



045354



673D51

Square

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



045354



42486A



6B3D40



4B4C29

Rectangle

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



045354



1A4F69



6B3D40



5F452B

Sweetspot

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



045354



4E6D6E



045404



243838



B8B8B8



383838

Same Dimension

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



045354



006C6E



042C54



252929



006769



00E5E8

Inverse Universe

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



540453



6E006C



542C04



292529



690067



E800E5

Previews

White Background



This preview shows how the Hex color 045354 looks on a white background.

Color Contrast Check

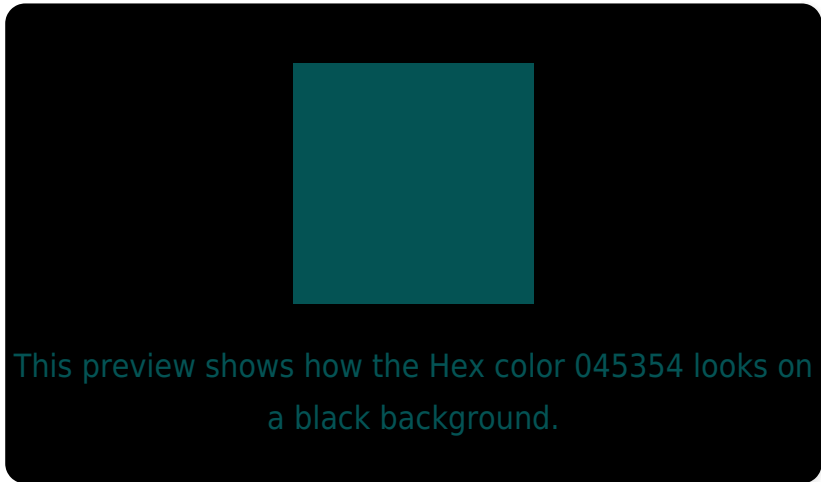
Large Text (above 18pt) WCAG AA ✓ Pass

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

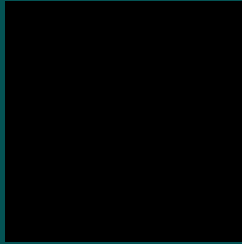
Any Text WCAG AA × Fail

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 045354 Background



This preview shows how black text looks on a background with the Hex color 045354.



This preview shows how white text looks on a background with the Hex color 045354.

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
045354

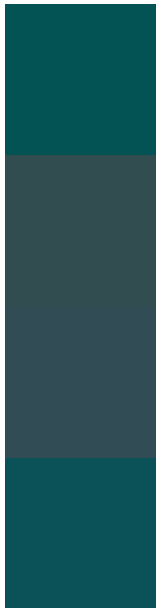
Protanopia
4A4A4E

Deuteranopia
4B4856



Tritanopia
0E5259

Trichromacy



Original Color
045354

Protanomaly
314D50

Deuteranomaly
314C55

Tritanomaly
0A5257

Monochromacy



Original Color
045354

Achromatopsia
3B3B3B

Achromatomaly
274444

CSS Examples

Text

The CSS property to change the color of the text to Hex 045354 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 #045354 looks like.

```
.text, #text, p{  
    color:#045354  
}
```

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 #045354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045354
}
```

Border

The CSS property to change the border of an element to Hex 045354 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
#045354 }
```

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

```
.border{ border-color:#045354 }
```

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

Here you see how a box with a 4 pixel #045354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045354; -webkit-box-shadow:4px 4px  
4px 4px #045354; box-shadow:4px 4px 4px  
4px #045354 }
```

Background

The CSS property to change the background color of an element to Hex 045354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045354 }
```

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

```
.background{ background-color:#045354 }
```

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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