

Converting Colors

Hex(014545)

Have a look what the booklet for
Hex(014545) contains.

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Color

Hex(014545)

Conversions

Conversions Part 1

Format	Color
Hex	014545
RGB	1, 69, 69
RGB Percent	0%, 27%, 27%
CMY	0.9961, 0.7294, 0.7294
CMYK	0.99, 0.00, 0.00, 0.73
HSL	180°, 97%, 14%
HSV	180°, 99%, 27%
XYZ	3.2148, 4.6924, 6.3665
YIQ	48.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 35, 69
Decimal	83269
CIE _{Lab}	25.84, -18.64, -5.49
CIE _{LCh}	26, 19.435, 196.405
Yxy	4.6924, 0.2252, 0.3287
Android (android.graphics.Color)	4278273349 (0xFF014545)
YUV	48.6680, 10.0237, -41.8048
Hunter-Lab	21.6619, -11.4173, -2.2622

Details

The Hex color **014545** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450101**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3D7675**, and **001B1A** is the 20% darker color. If you saturate the color by 10%, you get **004545**, and if you desaturate by 10%, it is **084545**.

Distribution



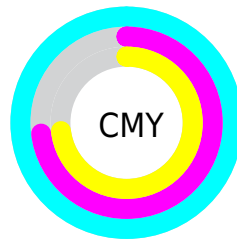
- Red (0%)
- Green (27%)
- Blue (27%)



- Red (0%)
- Yellow (14%)
- Blue (27%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014545 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 014545 by changing the saturation by 10% instead.

 014545

 014545

 FDFFFF

 002E2F

 3D7675

 001B1A

 578F8F

 000000

 71AAA9

 8CC5C4

 A7E1E0

 C3FEFD

 DFFFFF

 014545

 014545

■ 004545

■ 084545

■ 0F4545

■ 164545

■ 1D4545

■ 234545

■ 2A4545

■ 314545

■ 384545

■ 3F4545

Harmonies

Analogous

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



1A4536



014545



004452

Triad

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



014545



493652



4D3A21

Complementary

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



014545



450101

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.



563528



014545



563245

Square

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



014545



353C59



5A3236



3F3F20

Rectangle

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



014545



104258



5A3236



503822

Sweetspot

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



014545



3E5959



014501



1D2E2E



ADADAD



2E2E2E

Same Dimension

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



014545



005959



012345



202424



006363



00E3E3

Inverse Universe

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



450145



590059



452301



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 014545 looks on a white background.

Color Contrast Check

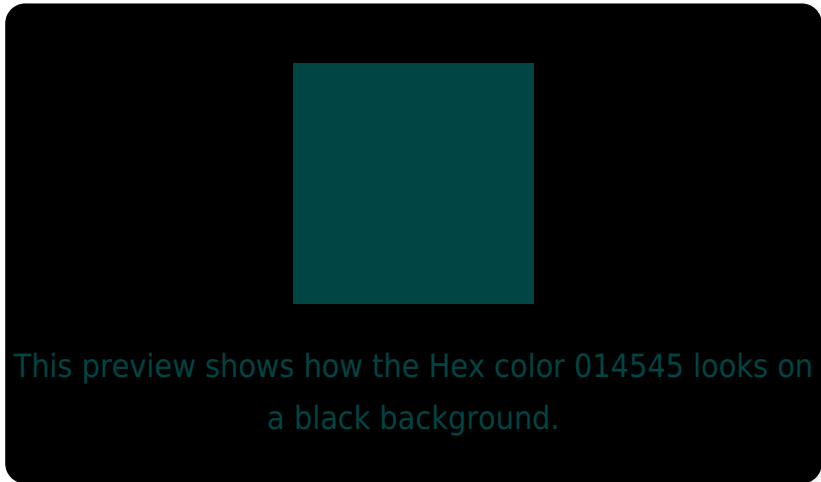
Large Text (above 18pt) WCAG AA ✓ Pass

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

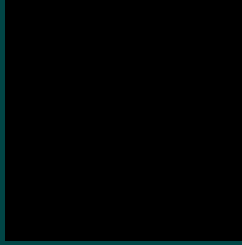
Any Text WCAG AA × Fail

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 014545 Background



This preview shows how black text looks on a background with the Hex color 014545.



This preview shows how white text looks on a background with the Hex color 014545.

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](#).

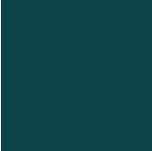
Dichromacy



Original Color
014545

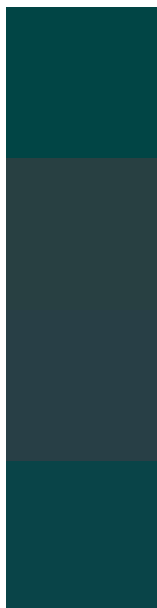
Protanopia
3E3D40

Deuteranopia
3F3C47



Tritanopia
0D444A

Trichromacy



Original Color

014545

Protanomaly

284042

Deuteranomaly

283F46

Tritanomaly

094448

Monochromacy



Original Color

014545

Achromatopsia

313131

Achromatomaly

203838

CSS Examples

Text

The CSS property to change the color of the text to Hex 014545 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 #014545 looks like.

```
.text, #text, p{  
    color:#014545  
}
```

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 #014545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014545
}
```

Border

The CSS property to change the border of an element to Hex 014545 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
#014545 }
```

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

```
.border{ border-color:#014545 }
```

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

Here you see how a box with a 4 pixel #014545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014545; -webkit-box-shadow:4px 4px  
4px 4px #014545; box-shadow:4px 4px 4px  
4px #014545 }
```

Background

The CSS property to change the background color of an element to Hex 014545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014545 }
```

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

```
.background{ background-color:#014545 }
```

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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