

Converting Colors

Hex(00654A)

Have a look what the booklet for
Hex(00654A) contains.

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Color

Hex(00654A)

Conversions

Conversions Part 1

Format	Color
Hex	00654A
RGB	0, 101, 74
RGB Percent	0%, 40%, 29%
CMY	1.0000, 0.6039, 0.7098
CMYK	1.00, 0.00, 0.27, 0.60
HSL	164°, 100%, 20%
HSV	164°, 100%, 40%
XYZ	5.8897, 9.8018, 8.0601
YIQ	67.7230, -51.5290, -29.8090

Conversions

Conversions Part 2

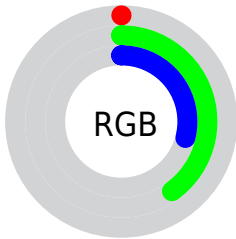
Format	Color
RYB	0, 58, 101
Decimal	25930
CIELab	37.48, -32.68, 8.24
CIELCh	37, 33.699, 165.850
Yxy	9.8018, 0.2480, 0.4127
Android (android.graphics.Color)	4278216010 (0xFF00654A)
YUV	67.7230, 3.0946, -59.3931
Hunter-Lab	31.3078, -21.2087, 6.6515

Details

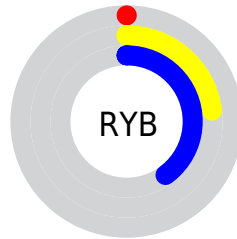
The Hex color **00654A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **65001B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **46997B**, and **00351E** is the 20% darker color. If you saturate the color by 10%, you get **00654A**, and if you desaturate by 10%, it is **0A654D**.

Distribution



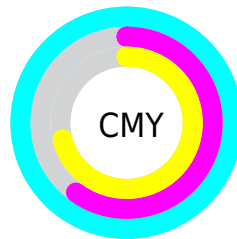
- Red (0%)
- Green (40%)
- Blue (29%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00654A 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 00654A by changing the saturation by 10% instead.

 00654A

 00654A

FFFFFF

 004C33

 46997B

 00351E

 61B494

 002206

 7DD0AF

 000000

 98ECCB

 B4FFE7

 D1FFFF

 EEEFFF

 00654A

 0A654D

 14654F

 1E6552

 286555

 336558

 3D655A

 47655D

 516560

 5B6562

Harmonies

Analogous

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



3B6231



00654A



006666

Triad

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



00654A



44568D



844832

Complementary

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



00654A



65001B

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.



8B414B



00654A



6D4B7E

Square

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



00654A



005F8D



844266



735222

Rectangle

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



00654A



006577



844266



88453A

Sweetspot

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



00654A



5B8278



1D6500



2A423C



C2C2C2



424242

Same Dimension

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



00654A



00825F



004F65



2E3332



007354



00F2B1

Inverse Universe

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



65001B



820023



651600



332E2F



73001F



F20041

Previews

White Background



This preview shows how the Hex color 00654A looks on a white background.

Color Contrast Check

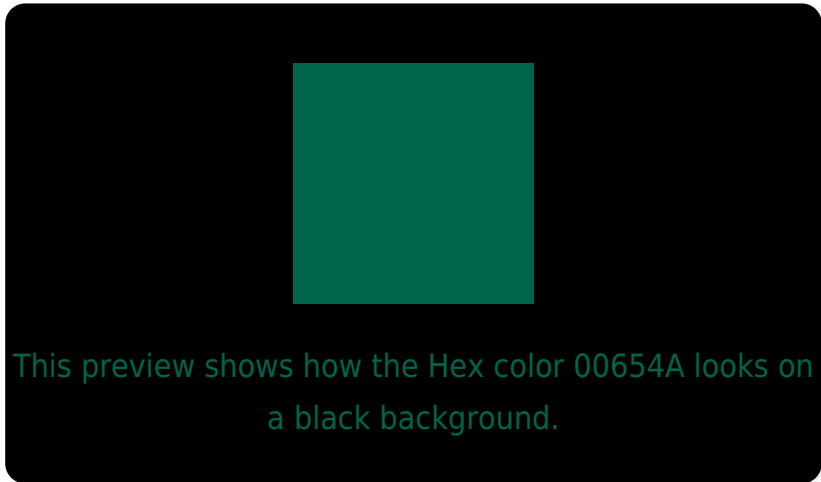
Large Text (above 18pt) WCAG AA ✓ Pass

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

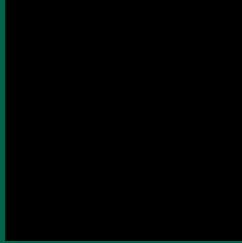
Any Text WCAG AA × Fail

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 00654A Background



This preview shows how black text looks on a background with the Hex color 00654A.



This preview shows how white text looks on a background with the Hex color 00654A.

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
00654A

Protanopia
5E5844

Deuteranopia
65554E



Tritanopia
216169

Trichromacy



Original Color
00654A

Protanomaly
3C5D46

Deuteranomaly
405B4D

Tritanomaly
15625E

Monochromacy



Original Color
00654A

Achromatopsia
444444

Achromatomaly
2B5046

CSS Examples

Text

The CSS property to change the color of the text to Hex 00654A 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 #00654A looks like.

```
.text, #text, p{  
    color:#00654A  
}
```

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 #00654A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00654A
}
```

Border

The CSS property to change the border of an element to Hex 00654A 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
#00654A }
```

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

```
.border{ border-color:#00654A }
```

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

Here you see how a box with a 4 pixel #00654A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00654A; -webkit-box-shadow:4px 4px  
4px 4px #00654A; box-shadow:4px 4px 4px  
4px #00654A }
```

Background

The CSS property to change the background color of an element to Hex 00654A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00654A }
```

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

```
.background{ background-color:#00654A }
```

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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