

Converting Colors

Hex(008552)

Have a look what the booklet for
Hex(008552) contains.

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Color

Hex(008552)

Conversions

Conversions Part 1

Format	Color
Hex	008552
RGB	0, 133, 82
RGB Percent	0%, 52%, 32%
CMY	1.0000, 0.4784, 0.6784
CMYK	1.00, 0.00, 0.38, 0.48
HSL	157°, 100%, 26%
HSV	157°, 100%, 52%
XYZ	9.9105, 17.3843, 10.8158
YIQ	87.4190, -62.8970, -44.0570

Conversions

Conversions Part 2

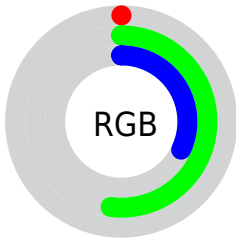
Format	Color
RYB	0, 82, 133
Decimal	34130
CIELab	48.74, -43.72, 19.00
CIELCh	49, 47.667, 156.514
Yxy	17.3843, 0.2600, 0.4562
Android (android.graphics.Color)	4278224210 (0xFF008552)
YUV	87.4190, -2.6716, -76.6665
Hunter-Lab	41.6944, -30.5369, 13.8059

Details

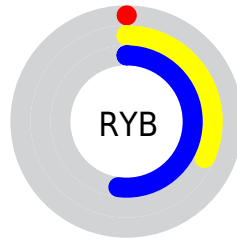
The Hex color **008552** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **850033**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50BB84**, and **005224** is the 20% darker color. If you saturate the color by 10%, you get **008552**, and if you desaturate by 10%, it is **0D8557**.

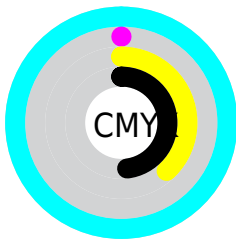
Distribution



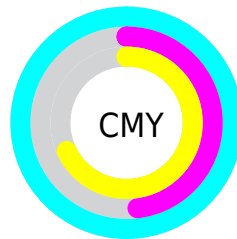
- Red (0%)
- Green (52%)
- Blue (32%)



- Red (0%)
- Yellow (32%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008552 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 008552 by changing the saturation by 10% instead.

 008552

 008552

FFFFFF

 006B3B

 50BB84

 005224

 6DD79E

 003A0F

 8AF4B9

 002500

 A6FFD5

 000000

 C3FFF1

 E1FFFF

 FEFFFF

 008552

 0D8557

 1B855C

 288561

 358566

 43856B

 508571

 5D8576

 6A857B

 788580

Harmonies

Analogous

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



577F2F



008552



00877C

Triad

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



008552



2E75C4



B85646

Complementary

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



008552



850033

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.



BD4E6D



008552



8165B5

Square

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



008552



0081BD



AC5595



A36628

Rectangle

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



008552



008797



AC5595



BC5252

Sweetspot

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



008552



79AD99



358500



37574B



D6D6D6



575757

Same Dimension

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



008552



00AD6B



007885



3C4240



008250



000302

Inverse Universe

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



850033



AD0042



850D00



423C3E



820032



030001

Previews

White Background



This preview shows how the Hex color 008552 looks on a white background.

Color Contrast Check

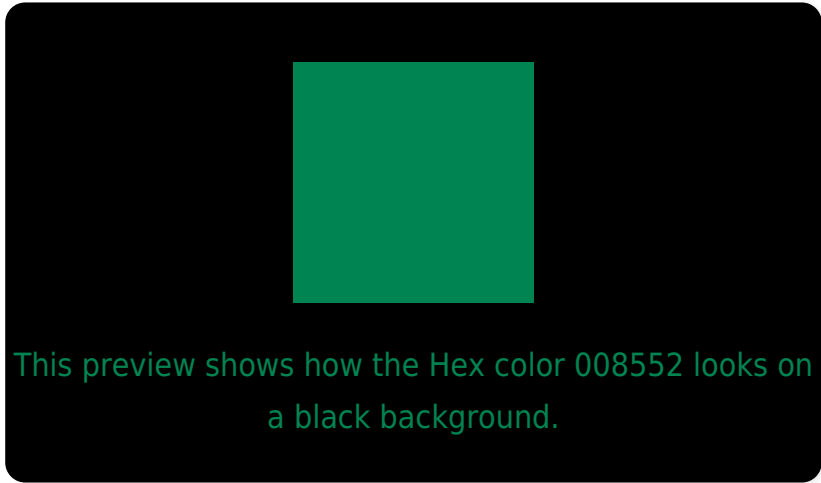
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

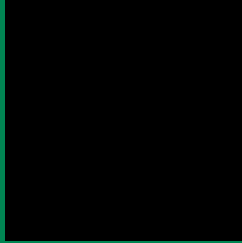
Any Text WCAG AA × Fail

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 008552 Background



This preview shows how black text looks on a background with the Hex color 008552.

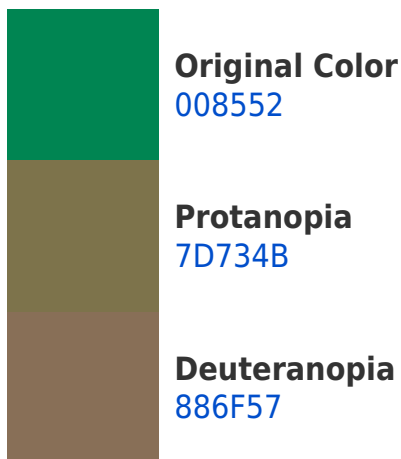


This preview shows how white text looks on a background with the Hex color 008552.

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
307E89

Trichromacy



Original Color
008552



Protanomaly
507A4E



Deuteranomaly
577755



Tritanomaly
1F8175

Monochromacy



Original Color
008552



Achromatopsia
575757



Achromatomaly
376855

CSS Examples

Text

The CSS property to change the color of the text to Hex 008552 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 #008552 looks like.

```
.text, #text, p{  
    color:#008552  
}
```

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 #008552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008552
}
```

Border

The CSS property to change the border of an element to Hex 008552 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
#008552 }
```

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

```
.border{ border-color:#008552 }
```

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

Here you see how a box with a 4 pixel #008552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008552; -webkit-box-shadow:4px 4px  
4px 4px #008552; box-shadow:4px 4px 4px  
4px #008552 }
```

Background

The CSS property to change the background color of an element to Hex 008552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008552 }
```

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

```
.background{ background-color:#008552 }
```

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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