

Converting Colors

Hex(30995E)

Have a look what the booklet for
Hex(30995E) contains.

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Color

Hex(30995E)

Conversions

Conversions Part 1

Format	Color
Hex	30995E
RGB	48, 153, 94
RGB Percent	19%, 60%, 37%
CMY	0.8118, 0.4000, 0.6314
CMYK	0.69, 0.00, 0.39, 0.40
HSL	146°, 52%, 39%
HSV	146°, 69%, 60%
XYZ	14.6305, 24.2190, 14.4933
YIQ	114.8790, -43.6410, -40.6090

Conversions

Conversions Part 2

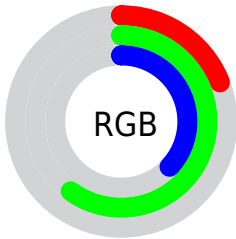
Format	Color
RYB	48, 121, 153
Decimal	3184990
CIELab	56.31, -43.70, 22.55
CIELCh	56, 49.176, 152.707
Yxy	24.2190, 0.2743, 0.4540
Android (android.graphics.Color)	4281375070 (0xFF30995E)
YUV	114.8790, -10.2933, -58.6529
Hunter-Lab	49.2128, -33.0559, 16.9879

Details

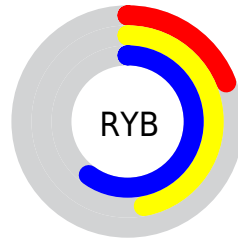
The Hex color **30995E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **99306B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6BD091**, and **00652F** is the 20% darker color. If you saturate the color by 10%, you get **219955**, and if you desaturate by 10%, it is **3F9967**.

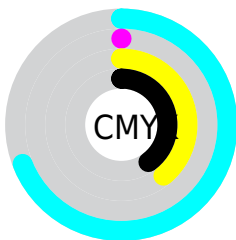
Distribution



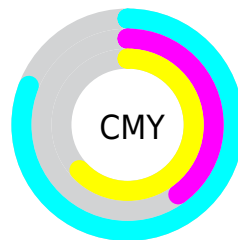
- Red (19%)
- Green (60%)
- Blue (37%)



- Red (19%)
- Yellow (47%)
- Blue (60%)



- Cyan (69%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30995E 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 30995E by changing the saturation by 10% instead.

 30995E

 30995E

FFFFFF

 017E46

 6BD091

 00652F

 87EDAC

 004C19

 A4FFC7

 003400

 C0FFE3

 001E00

 DEFFF

 000000

 FBFFF

 30995E

 30995E

 219955

 3F9967

■ 11994D

■ 4F996F

■ 029944

■ 5E9978

■ 009943

■ 6D9980

■ 7D9989

■ 8C9992

■ 9B999A

■ AA99A3

■ BA99AB

Harmonies

Analogous

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



6F923B



30995E



009C8A

Triad

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



30995E



348ADC



D2675B

Complementary

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



30995E



99306B

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.



D46185



30995E



8E7ACF

Square

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



30995E



0096D2



BE69AF



BD763A

Rectangle

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



30995E



009CA7



BE69AF



D66368

Sweetspot

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



30995E



9DC7AF



6B9930



4B6355



E3E3E3



636363

Same Dimension

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



30995E



24C76B



309992



454D48



008C3D



000D06

Inverse Universe

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



99306B



C7247F



993037



4D4549



8C004F



0D0007

Previews

White Background



This preview shows how the Hex color 30995E looks on a white background.

Color Contrast Check

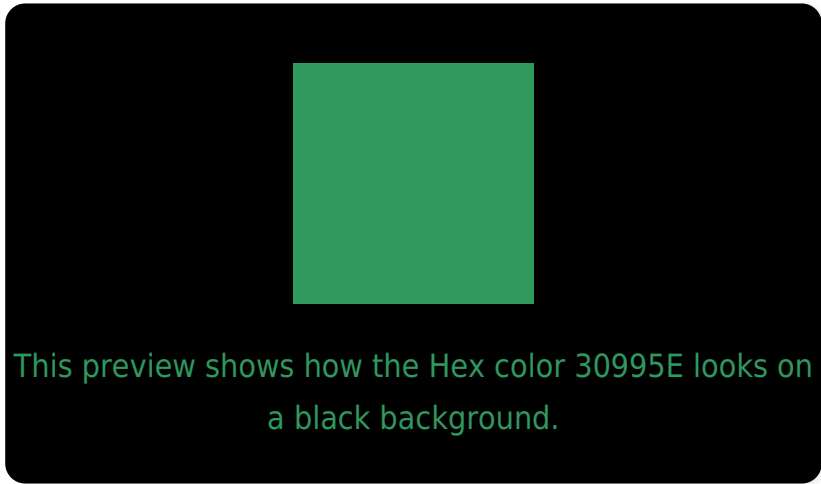
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

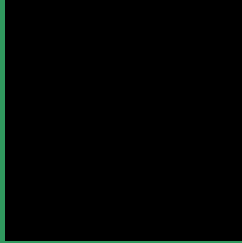
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 30995E Background



This preview shows how black text looks on a background with the Hex color 30995E.




This preview shows how white text looks on a background with the Hex color 30995E.

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
47919D

Trichromacy



Original Color
30995E



Protanomaly
6E8D59



Deuteranomaly
768A62



Tritanomaly
3F9486

Monochromacy



Original Color
30995E



Achromatopsia
737373



Achromatomaly
5B816B

CSS Examples

Text

The CSS property to change the color of the text to Hex 30995E 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 #30995E looks like.

```
.text, #text, p{  
    color:#30995E  
}
```

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 #30995E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30995E
}
```

Border

The CSS property to change the border of an element to Hex 30995E 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
#30995E }
```

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

```
.border{ border-color:#30995E }
```

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

Here you see how a box with a 4 pixel #30995E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30995E; -webkit-box-shadow:4px 4px  
4px 4px #30995E; box-shadow:4px 4px 4px  
4px #30995E }
```

Background

The CSS property to change the background color of an element to Hex 30995E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30995E }
```

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

```
.background{ background-color:#30995E }
```

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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