

Converting Colors

Hex(30A253)

Have a look what the booklet for
Hex(30A253) contains.

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Color

Hex(30A253)

Conversions

Conversions Part 1

Format	Color
Hex	30A253
RGB	48, 162, 83
RGB Percent	19%, 64%, 33%
CMY	0.8118, 0.3647, 0.6745
CMYK	0.70, 0.00, 0.49, 0.36
HSL	138°, 54%, 41%
HSV	138°, 70%, 64%
XYZ	15.7006, 27.0936, 12.5857
YIQ	118.9080, -42.5850, -48.7370

Conversions

Conversions Part 2

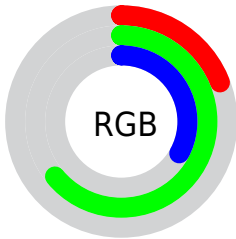
Format	Color
RYB	48, 135, 162
Decimal	3187283
CIELab	59.06, -49.19, 31.99
CIELCh	59, 58.681, 146.964
Yxy	27.0936, 0.2835, 0.4892
Android (android.graphics.Color)	4281377363 (0xFF30A253)
YUV	118.9080, -17.7026, -62.1863
Hunter-Lab	52.0515, -37.2481, 22.1001

Details

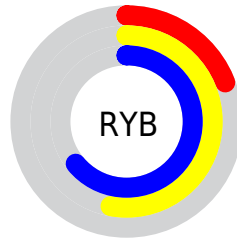
The Hex color **30A253** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A2307F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6DDA86**, and **006D23** is the 20% darker color. If you saturate the color by 10%, you get **20A248**, and if you desaturate by 10%, it is **40A25E**.

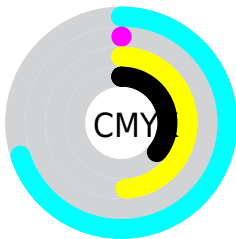
Distribution



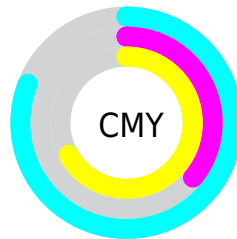
- Red (19%)
- Green (64%)
- Blue (33%)



- Red (19%)
- Yellow (53%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (81%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A253 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 30A253 by changing the saturation by 10% instead.



30A253



30A253

FFFFFF



00873B



6DDA86



006D23



8AF7A0



00540A



A7FFBC



003B00



C4FFD8



002500



E1FFF4



000000



30A253



30A253



20A248



40A25E



10A23D



50A269

■ 00A232

■ 61A275

■ 71A280

■ 81A28B

■ 91A296

■ A1A2A2

■ B2A2AD

■ C2A2B8

Harmonies

Analogous

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



7B9929



30A253



00A687

Triad

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



30A253



0096F5



E96263

Complementary

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



30A253



A2307F

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.



E75D96



30A253



8583EA

Square

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



30A253



00A1E4



C76CC7



D47637

Rectangle

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



30A253



00A7AB



C76CC7



EC5E73

Sweetspot

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



30A253



A7D4B5



80A230



506B59



EBEBEB



6B6B6B

Same Dimension

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



30A253



22D458



30A28B



49524C



00912D



001205

Inverse Universe

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



A2307F



D4229D



A23047



52494F



910065



12000C

Previews

White Background



This preview shows how the Hex color 30A253 looks on a white background.

Color Contrast Check

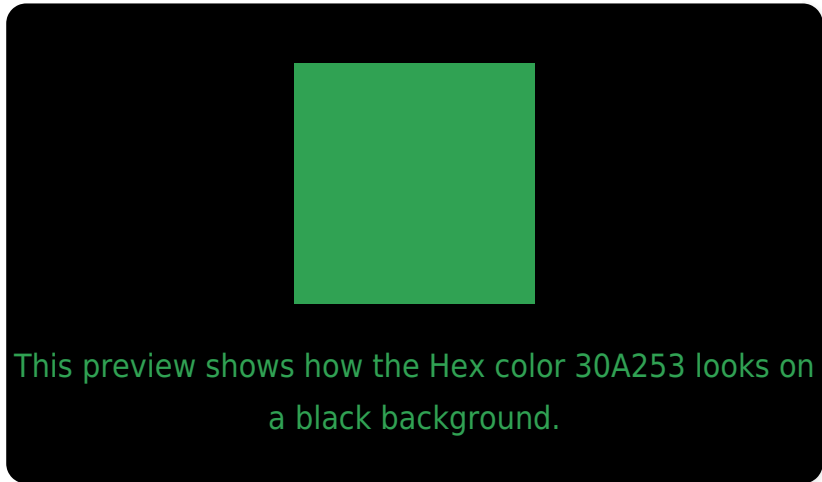
Large Text (above 18pt) WCAG AA ✓ Pass

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 30A253 Background



This preview shows how black text looks on a background with the Hex color 30A253.

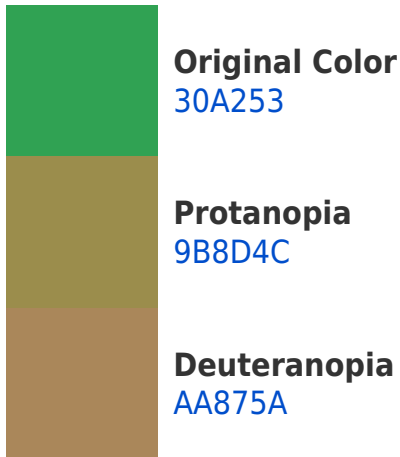


This preview shows how white text looks on a background with the Hex color 30A253.

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
4C99A5

Trichromacy



Original Color
30A253



Protanomaly
74954F



Deuteranomaly
7E9157



Tritanomaly
429C87

Monochromacy



Original Color
30A253



Achromatopsia
777777



Achromatomaly
5D876A

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A253 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 #30A253 looks like.

```
.text, #text, p{  
    color:#30A253  
}
```

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 #30A253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A253
}
```

Border

The CSS property to change the border of an element to Hex 30A253 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
#30A253 }
```

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

```
.border{ border-color:#30A253 }
```

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

Here you see how a box with a 4 pixel #30A253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A253; -webkit-box-shadow:4px 4px  
4px 4px #30A253; box-shadow:4px 4px 4px  
4px #30A253 }
```

Background

The CSS property to change the background color of an element to Hex 30A253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A253 }
```

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

```
.background{ background-color:#30A253 }
```

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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