

Converting Colors

Hex(70A165)

Have a look what the booklet for
Hex(70A165) contains.

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Color

Hex(70A165)

Conversions

Conversions Part 1

Format	Color
Hex	70A165
RGB	112, 161, 101
RGB Percent	44%, 63%, 40%
CMY	0.5608, 0.3686, 0.6039
CMYK	0.30, 0.00, 0.37, 0.37
HSL	109°, 24%, 51%
HSV	109°, 37%, 63%
XYZ	21.7759, 29.8741, 16.9305
YIQ	139.5090, -9.9440, -29.0480

Conversions

Conversions Part 2

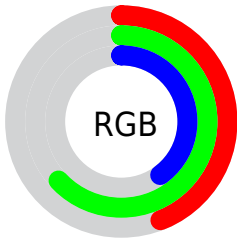
Format	Color
RYB	101, 161, 150
Decimal	7381349
CIELab	61.55, -28.30, 26.15
CIELCh	62, 38.532, 137.258
Yxy	29.8741, 0.3175, 0.4356
Android (android.graphics.Color)	4285571429 (0xFF70A165)
YUV	139.5090, -18.9849, -24.1254
Hunter-Lab	54.6572, -24.5340, 19.8945

Details

The Hex color **70A165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9665A1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A5D899**, and **3D6D35** is the 20% darker color. If you saturate the color by 10%, you get **63A155**, and if you desaturate by 10%, it is **7DA175**.

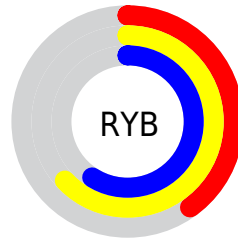
Distribution



Red (44%)

Green (63%)

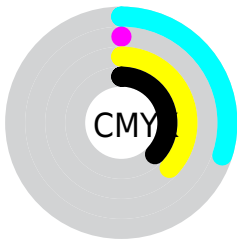
Blue (40%)



Red (40%)

Yellow (63%)

Blue (59%)

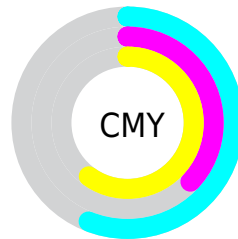


Cyan (30%)

Magenta (0%)

Yellow (37%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A165 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 70A165 by changing the saturation by 10% instead.

 70A165

 70A165

FFFFFF

 56874D

 A5D899

 3D6D35

 C1F5B4

 25541E

 DDFFCF

 093D07

 FAF FEC

 002700

 000B00

 000000

 70A165

 70A165

 63A155

 7DA175

■ 56A145

■ 8AA185

■ 49A135

■ 97A195

■ 3BA125

■ A5A1A5

■ 2EA114

■ B2A1B5

■ 21A104

■ BFA1C6

■ 1EA100

■ CCA1D6

■ D9A1E6

■ E6A1F6

Harmonies

Analogous

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



979952



70A165



40A684

Triad

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



70A165



409CD7



D67A82

Complementary

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



70A165



9665A1

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.



CD7BA5



70A165



8291D6

Square

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



70A165



00A4C6



B184C3



CE8264

Rectangle

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



70A165



00A79C



B184C3



D6798E

Sweetspot

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



70A165



BED1BA



A19665



5D695B



E8E8E8



696969

Same Dimension

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



70A165



84D173



65A178



4B5249



1B9100



031200

Inverse Universe

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



9665A1



C073D1



A1658E



504952



770091



0F0012

Previews

White Background



This preview shows how the Hex color 70A165 looks on a white background.

Color Contrast Check

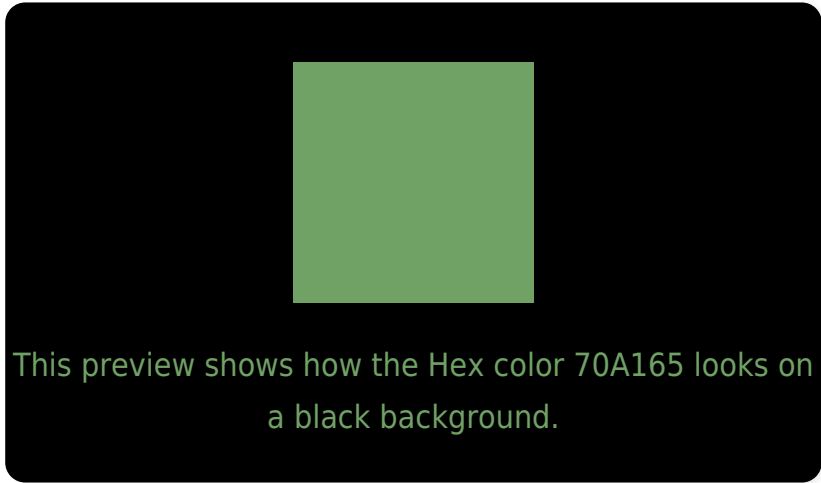
Large Text (above 18pt) WCAG AA ✓ Pass

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

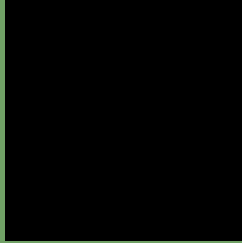
Any Text WCAG AA ✓ Pass

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 70A165 Background



This preview shows how black text looks on a background with the Hex color 70A165.



This preview shows how white text looks on a background with the Hex color 70A165.

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
70A165

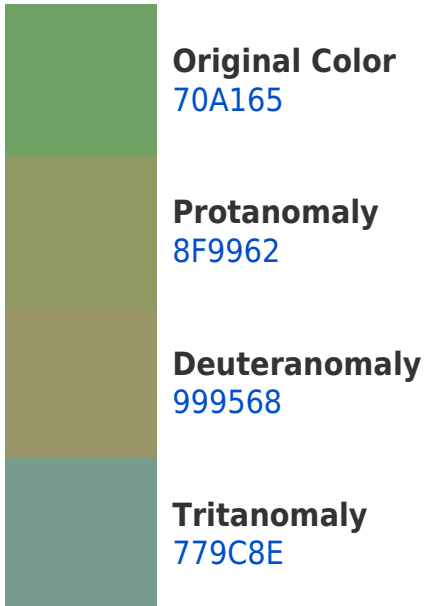
Protanopia
A19460

Deuteranopia
B08E69



Tritanopia
7B99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A165 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 #70A165 looks like.

```
.text, #text, p{  
    color:#70A165  
}
```

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 #70A165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A165
}
```

Border

The CSS property to change the border of an element to Hex 70A165 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
#70A165 }
```

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

```
.border{ border-color:#70A165 }
```

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

Here you see how a box with a 4 pixel #70A165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A165; -webkit-box-shadow:4px 4px  
4px 4px #70A165; box-shadow:4px 4px 4px  
4px #70A165 }
```

Background

The CSS property to change the background color of an element to Hex 70A165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A165 }
```

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

```
.background{ background-color:#70A165 }
```

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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