

Converting Colors

Hex(769456)

Have a look what the booklet for
Hex(769456) contains.

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Color

Hex(769456)

Conversions

Conversions Part 1

Format	Color
Hex	769456
RGB	118, 148, 86
RGB Percent	46%, 58%, 34%
CMY	0.5373, 0.4196, 0.6627
CMYK	0.20, 0.00, 0.42, 0.42
HSL	89°, 26%, 46%
HSV	89°, 42%, 58%
XYZ	19.7408, 25.7032, 12.7249
YIQ	131.9620, 2.0220, -25.6420

Conversions

Conversions Part 2

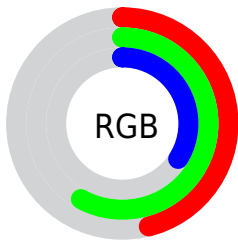
Format	Color
R_{YB}	86, 148, 116
Decimal	7771222
CIE _{Lab}	57.75, -21.80, 29.38
CIE _{LCh}	58, 36.585, 126.577
Yxy	25.7032, 0.3394, 0.4419
Android (android.graphics.Color)	4285961302 (0xFF769456)
YUV	131.9620, -22.6593, -12.2447
Hunter-Lab	50.6984, -19.2182, 20.6076

Details

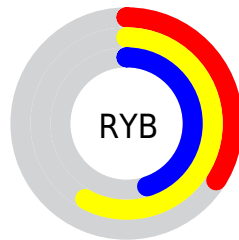
The Hex color **769456** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **745694**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ABCA89**, and **446127** is the 20% darker color. If you saturate the color by 10%, you get **6F9447**, and if you desaturate by 10%, it is **7D9465**.

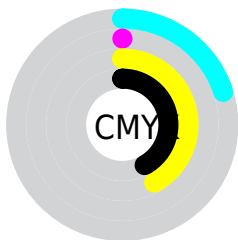
Distribution



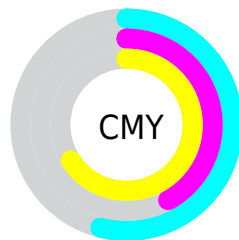
- Red (46%)
- Green (58%)
- Blue (34%)



- Red (34%)
- Yellow (58%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (42%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 769456 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 769456 by changing the saturation by 10% instead.

 769456

 769456

FFFFFF

 5D7A3E

 ABCA89

 446127

 C7E6A3

 2C4910

 E3FFBF

 173200

 FFFFDB

 001F00

 FFFFF7

 000000

 769456

 769456

 6F9447

 7D9465

 689438

 849474

■ 61942A

■ 8B9482

■ 59941B

■ 939491

■ 52940C

■ 9A94A0

■ 4C9400

■ A194AF

■ A894BE

■ AF94CC

■ B694DB

Harmonies

Analogous

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



988B4A



769456



4D9A70

Triad

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



769456



1B95C5



C77185

Complementary

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



769456



745694

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.



B875A5



769456



668CCA

Square

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



769456



009AB0



9780BE



C57666

Rectangle

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



769456



289B86



9780BE



C47190

Sweetspot

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



769456



B3BFA6



947456



596151



E0E0E0



616161

Same Dimension

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



769456



91BF60



579456



464A43



478A00



050A00

Inverse Universe

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



745694



8E60BF



935694



46434A



43008A



05000A

Previews

White Background



This preview shows how the Hex color 769456 looks on a white background.

Color Contrast Check

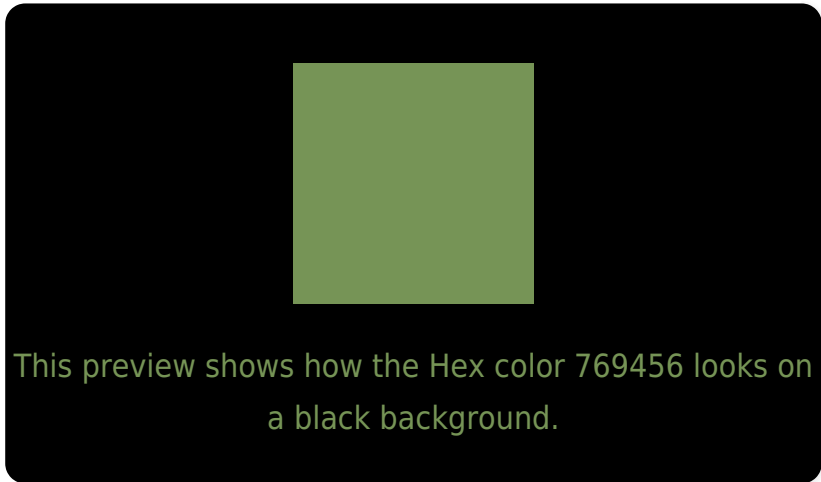
Large Text (above 18pt) WCAG AA ✓ Pass

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

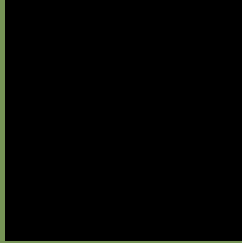
Any Text WCAG AA ✓ Pass

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 769456 Background



This preview shows how black text looks on a background with the Hex color 769456.



This preview shows how white text looks on a background with the Hex color 769456.

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
769456

Protanopia
978A52

Deuteranopia
A6845A



Tritanopia
7F8C97

Trichromacy



Original Color
769456

Protanomaly
8B8E53

Deuteranomaly
958A59

Tritanomaly
7C8F7F

Monochromacy



Original Color
769456

Achromatopsia
848484

Achromatomaly
7F8A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 769456 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 #769456 looks like.

```
.text, #text, p{  
    color:#769456  
}
```

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 #769456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769456
}
```

Border

The CSS property to change the border of an element to Hex 769456 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
#769456 }
```

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

```
.border{ border-color:#769456 }
```

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

Here you see how a box with a 4 pixel #769456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769456; -webkit-box-shadow:4px 4px  
4px 4px #769456; box-shadow:4px 4px 4px  
4px #769456 }
```

Background

The CSS property to change the background color of an element to Hex 769456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769456 }
```

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

```
.background{ background-color:#769456 }
```

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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