

Converting Colors

Hex(37A458)

Have a look what the booklet for
Hex(37A458) contains.

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Color

Hex(37A458)

Conversions

Conversions Part 1

Format	Color
Hex	37A458
RGB	55, 164, 88
RGB Percent	22%, 64%, 35%
CMY	0.7843, 0.3569, 0.6549
CMYK	0.66, 0.00, 0.46, 0.36
HSL	138°, 50%, 43%
HSV	138°, 66%, 64%
XYZ	16.6125, 28.0677, 13.7746
YIQ	122.7450, -40.5680, -46.7440

Conversions

Conversions Part 2

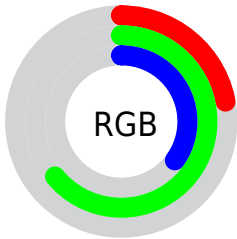
Format	Color
RYB	55, 139, 164
Decimal	3646552
CIELab	59.95, -47.81, 30.55
CIElCh	60, 56.739, 147.426
Yxy	28.0677, 0.2842, 0.4802
Android (android.graphics.Color)	4281836632 (0xFF37A458)
YUV	122.7450, -17.1293, -59.4124
Hunter-Lab	52.9790, -36.7415, 21.6699

Details

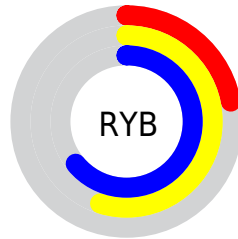
The Hex color **37A458** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A43783**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **72DC8B**, and **006F28** is the 20% darker color. If you saturate the color by 10%, you get **27A44D**, and if you desaturate by 10%, it is **47A463**.

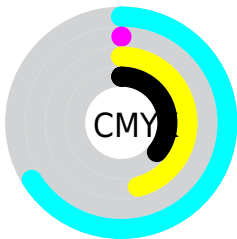
Distribution



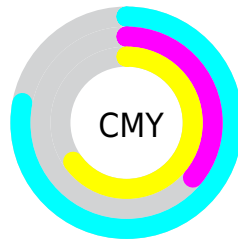
- Red (22%)
- Green (64%)
- Blue (35%)



- Red (22%)
- Yellow (55%)
- Blue (64%)



- Cyan (66%)
- Magenta (0%)
- Yellow (46%)
- Black (36%)



- Cyan (78%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A458 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 37A458 by changing the saturation by 10% instead.



37A458



37A458

FFFFFF



0E8940



72DC8B



006F28



8FF9A6



005610



ACFFC1



003D00



C9FFDD



002800



E6FFFA



000000



37A458



37A458



27A44D



47A463



16A441



58A46F

 06A436

 68A47A

 00A432

 79A486

 89A491

 99A49D

 AAA4A8

 BAA4B3

 CBA4BF

Harmonies

Analogous

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



7D9B30



37A458



00A88A

Triad

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



37A458



0097F4



E96765

Complementary

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



37A458



A43783

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.



E76297



37A458



8A85EA

Square

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



37A458



00A3E4



C970C7



D4793C

Rectangle

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



37A458



00A9AD



C970C7



EC6375

Sweetspot

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



37A458



ABD6B8



83A437



516B59



EBEBEB



6B6B6B

Same Dimension

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



37A458



2BD65F



37A48E



49524C



00912C



001205

Inverse Universe

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



A43783



D62BA2



A4374D



52494F



910065



12000C

Previews

White Background



This preview shows how the Hex color 37A458 looks on a white background.

Color Contrast Check

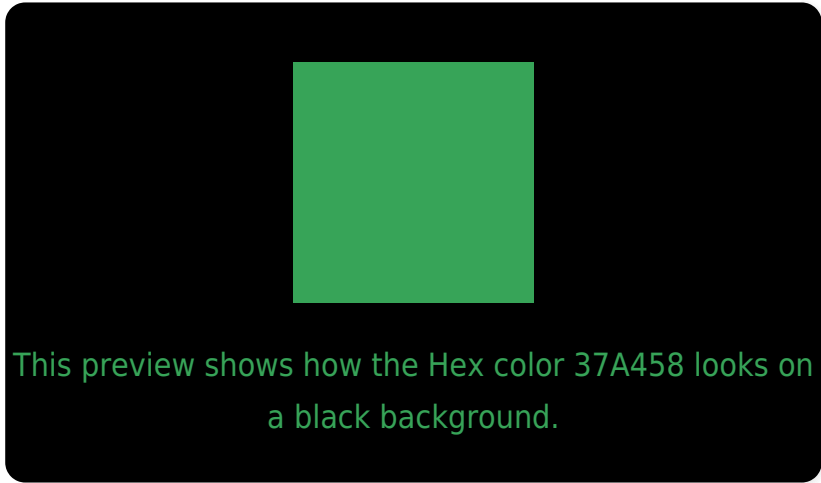
Large Text (above 18pt) WCAG AA ✓ Pass

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 37A458 Background



This preview shows how black text looks on a background with the Hex color 37A458.

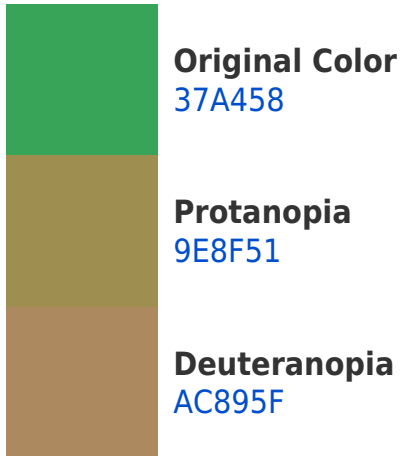


This preview shows how white text looks on a background with the Hex color 37A458.

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
509BA8

Trichromacy



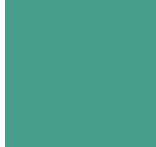
Original Color
37A458



Protanomaly
799754



Deuteranomaly
81935C



Tritanomaly
479E8B

Monochromacy



Original Color
37A458



Achromatopsia
7B7B7B



Achromatomaly
628A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 37A458 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 #37A458 looks like.

```
.text, #text, p{  
    color:#37A458  
}
```

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 #37A458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A458
}
```

Border

The CSS property to change the border of an element to Hex 37A458 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
#37A458 }
```

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

```
.border{ border-color:#37A458 }
```

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

Here you see how a box with a 4 pixel #37A458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A458; -webkit-box-shadow:4px 4px  
4px 4px #37A458; box-shadow:4px 4px 4px  
4px #37A458 }
```

Background

The CSS property to change the background color of an element to Hex 37A458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A458 }
```

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

```
.background{ background-color:#37A458 }
```

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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