

Converting Colors

Hex(25A458)

Have a look what the booklet for
Hex(25A458) contains.

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Color

Hex(25A458)

Conversions

Conversions Part 1

Format	Color
Hex	25A458
RGB	37, 164, 88
RGB Percent	15%, 64%, 35%
CMY	0.8549, 0.3569, 0.6549
CMYK	0.77, 0.00, 0.46, 0.36
HSL	144°, 63%, 39%
HSV	144°, 77%, 64%
XYZ	15.7999, 27.6488, 13.7365
YIQ	117.3630, -51.2960, -50.5600

Conversions

Conversions Part 2

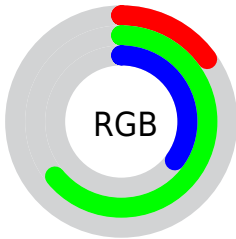
Format	Color
R_{YB}	37, 128, 164
Decimal	2466904
CIE _{Lab}	59.57, -50.81, 29.99
CIE _{LCh}	60, 59.000, 149.454
Yxy	27.6488, 0.2763, 0.4835
Android (android.graphics.Color)	4280656984 (0xFF25A458)
YUV	117.3630, -14.4760, -70.4784
Hunter-Lab	52.5821, -38.3831, 21.3186

Details

The Hex color **25A458** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A42571**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67DC8B**, and **006F28** is the 20% darker color. If you saturate the color by 10%, you get **15A44E**, and if you desaturate by 10%, it is **35A462**.

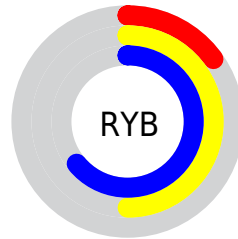
Distribution



Red (15%)

Green (64%)

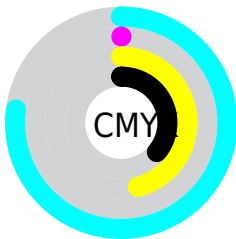
Blue (35%)



Red (15%)

Yellow (50%)

Blue (64%)

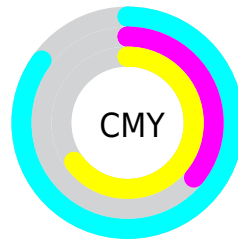


Cyan (77%)

Magenta (0%)

Yellow (46%)

Black (36%)



Cyan (85%)

Magenta (36%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A458 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 25A458 by changing the saturation by 10% instead.

 25A458

 25A458

FFFFFF

 008940

 67DC8B

 006F28

 84F9A6

 005511

 A1FFC1

 003D00

 BEFFDD

 002700

 DCFFFA

 000000

 FAFFFF

 25A458

 25A458

 15A44E

 35A462

■ 04A444

■ 46A46C

■ 00A442

■ 56A475

■ 67A47F

■ 77A489

■ 87A493

■ 98A49D

■ A8A4A7

■ B9A4B0

Harmonies

Analogous

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



779B2C



25A458



00A88D

Triad

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



25A458



0096F7



EA6560

Complementary

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



25A458



A42571

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.



EA5E93



25A458



8D82EA

Square

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



25A458



00A2E8



CD6CC5



D37934

Rectangle

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



25A458



00A8B1



CD6CC5



ED6070

Sweetspot

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



25A458



A5D6B9



71A425



4D6B59



EBEBEB



6B6B6B

Same Dimension

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



25A458



0FD65F



25A497



49524D



00913A



001207

Inverse Universe

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



A42571



D60F86



A42532



52494E



910057



12000B

Previews

White Background



This preview shows how the Hex color 25A458 looks on a white background.

Color Contrast Check

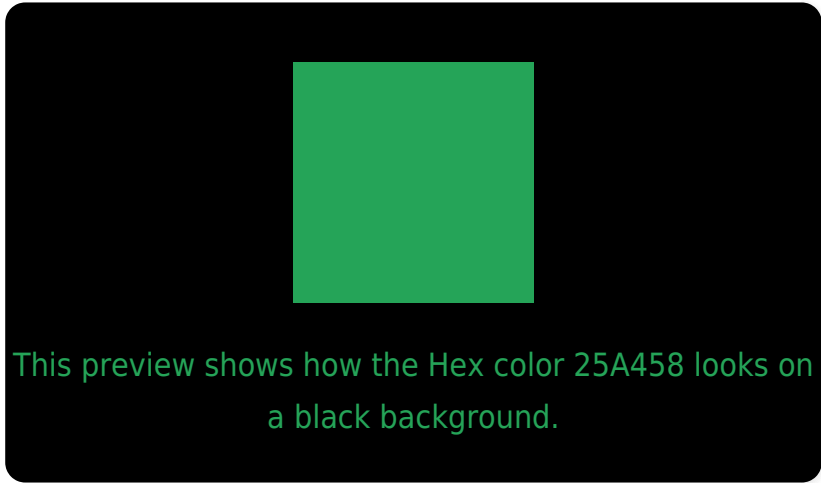
Large Text (above 18pt) WCAG AA ✓ Pass

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 25A458 Background



This preview shows how black text looks on a background with the Hex color 25A458.



This preview shows how white text looks on a background with the Hex color 25A458.

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
469BA8

Trichromacy



Original Color
25A458



Protanomaly
719653



Deuteranomaly
7A925C



Tritanomaly
3A9E8B

Monochromacy



Original Color
25A458



Achromatopsia
757575



Achromatomaly
58866A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A458 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 #25A458 looks like.

```
.text, #text, p{  
    color:#25A458  
}
```

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 #25A458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A458
}
```

Border

The CSS property to change the border of an element to Hex 25A458 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
#25A458 }
```

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

```
.border{ border-color:#25A458 }
```

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

Here you see how a box with a 4 pixel #25A458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A458; -webkit-box-shadow:4px 4px  
4px 4px #25A458; box-shadow:4px 4px 4px  
4px #25A458 }
```

Background

The CSS property to change the background color of an element to Hex 25A458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A458 }
```

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

```
.background{ background-color:#25A458 }
```

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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