

Converting Colors

Hex(33862A)

Have a look what the booklet for
Hex(33862A) contains.

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Color

Hex(33862A)

Conversions

Conversions Part 1

Format	Color
Hex	33862A
RGB	51, 134, 42
RGB Percent	20%, 53%, 16%
CMY	0.8000, 0.4745, 0.8353
CMYK	0.62, 0.00, 0.69, 0.47
HSL	114°, 52%, 35%
HSV	114°, 69%, 53%
XYZ	10.3083, 17.9212, 5.1063
YIQ	98.6950, -19.9360, -46.2080

Conversions

Conversions Part 2

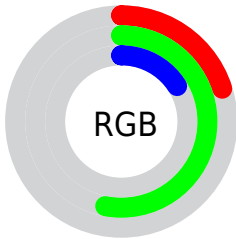
Format	Color
R_{YB}	42, 134, 125
Decimal	3376682
CIE Lab	49.40, -43.45, 40.64
CIE LCh	49, 59.494, 136.920
Yxy	17.9212, 0.3092, 0.5376
Android (android.graphics.Color)	4281566762 (0xFF33862A)
YUV	98.6950, -27.9506, -41.8285
Hunter-Lab	42.3334, -30.6184, 22.4817

Details

The Hex color **33862A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7D2A86**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6BBC5C**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **27861D**, and if you desaturate by 10%, it is **3F8637**.

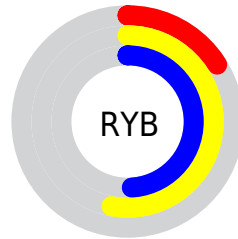
Distribution



Red (20%)

Green (53%)

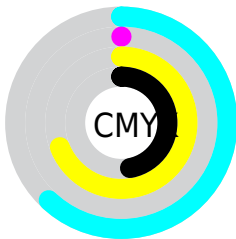
Blue (16%)



Red (16%)

Yellow (53%)

Blue (49%)

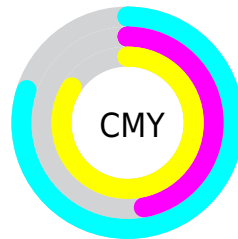


Cyan (62%)

Magenta (0%)

Yellow (69%)

Black (47%)



Cyan (80%)

Magenta (47%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33862A 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 33862A by changing the saturation by 10% instead.

 33862A

 33862A

FFFFFF

 106C0F

 6BBC5C

 005300

 87D876

 003B00

 A3F590

 002600

 BFFFAB

 000000

 DCFFC7

 FAFFE4

 33862A

 33862A

 27861D

 3F8637

 1B860F

 4B8645

 0F8602

 578652

 0D8600

 638660

 6F866D

 7C867A

 888688

 948695

 A086A3

Harmonies

Analogous

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



727C00



33862A



008B5D

Triad

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



33862A



0082D8



CF425B

Complementary

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



33862A



7D2A86

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.



C5448E



33862A



4171D7

Square

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



33862A



008ABE



9B5ABB



C0552C

Rectangle

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



33862A



008D80



9B5ABB



CF406C

Sweetspot

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



33862A



8DAD89



867D2A



435741



D6D6D6



575757

Same Dimension

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



33862A



2DAD1F



2A864F



3C423C



0D8200



000300

Inverse Universe

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



7D2A86



9F1FAD



862A61



423C42



750082



020003

Previews

White Background



This preview shows how the Hex color 33862A looks on a white background.

Color Contrast Check

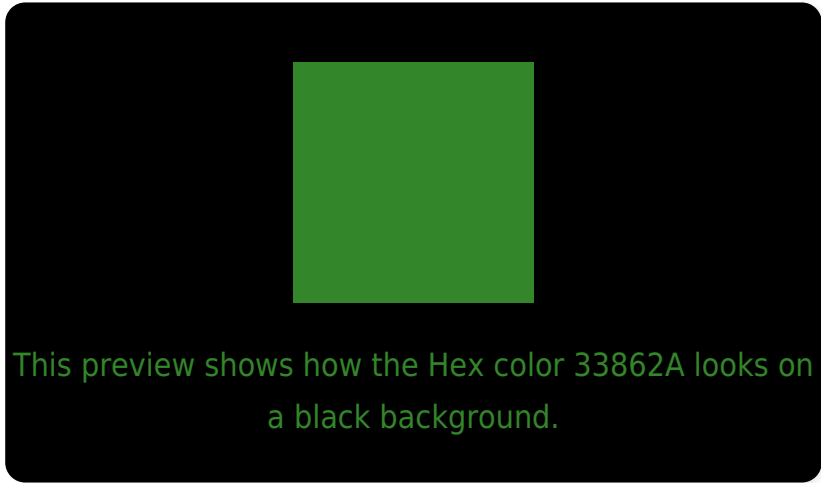
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

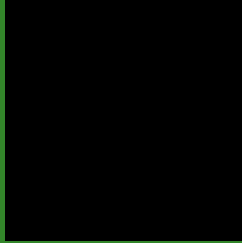
Any Text WCAG AA ✓ Pass

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 33862A Background



This preview shows how black text looks on a background with the Hex color 33862A.



This preview shows how white text looks on a background with the Hex color 33862A.

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
33862A

Protanopia
837525

Deuteranopia
916F32



Tritanopia
487D87

Trichromacy



Original Color
33862A



Protanomaly
667B27



Deuteranomaly
6F772F



Tritanomaly
408065

Monochromacy



Original Color
33862A



Achromatopsia
636363



Achromatomaly
52704E

CSS Examples

Text

The CSS property to change the color of the text to Hex 33862A 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 #33862A looks like.

```
.text, #text, p{  
    color:#33862A  
}
```

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 #33862A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33862A
}
```

Border

The CSS property to change the border of an element to Hex 33862A 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
#33862A }
```

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

```
.border{ border-color:#33862A }
```

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

Here you see how a box with a 4 pixel #33862A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33862A; -webkit-box-shadow:4px 4px  
4px 4px #33862A; box-shadow:4px 4px 4px  
4px #33862A }
```

Background

The CSS property to change the background color of an element to Hex 33862A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33862A }
```

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

```
.background{ background-color:#33862A }
```

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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