

Converting Colors

Hex(23862B)

Have a look what the booklet for
Hex(23862B) contains.

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Color

Hex(23862B)

Conversions

Conversions Part 1

Format	Color
Hex	23862B
RGB	35, 134, 43
RGB Percent	14%, 53%, 17%
CMY	0.8627, 0.4745, 0.8314
CMYK	0.74, 0.00, 0.68, 0.47
HSL	125°, 59%, 33%
HSV	125°, 74%, 53%
XYZ	9.6543, 17.5819, 5.1703
YIQ	94.0250, -29.7930, -49.2890

Conversions

Conversions Part 2

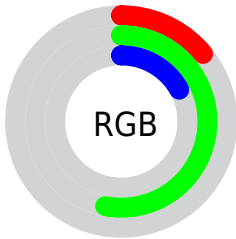
Format	Color
RYB	35, 127, 134
Decimal	2328107
CIELab	48.99, -46.82, 39.62
CIElCh	49, 61.332, 139.760
Yxy	17.5819, 0.2979, 0.5425
Android (android.graphics.Color)	4280518187 (0xFF23862B)
YUV	94.0250, -25.1553, -51.7649
Hunter-Lab	41.9308, -32.2806, 22.0408

Details

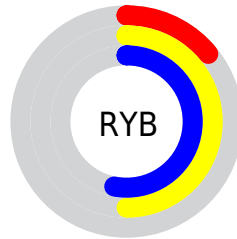
The Hex color **23862B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **86237E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **60BC5D**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **16861F**, and if you desaturate by 10%, it is **308637**.

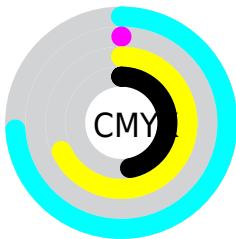
Distribution



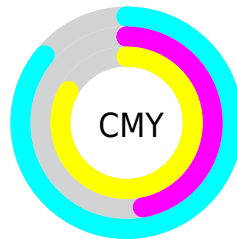
- Red (14%)
- Green (53%)
- Blue (17%)



- Red (14%)
- Yellow (50%)
- Blue (53%)



- Cyan (74%)
- Magenta (0%)
- Yellow (68%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23862B 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 23862B by changing the saturation by 10% instead.



23862B



23862B

FFFFFF



006C10



60BC5D



005300



7CD877



003B00



98F591



002500



B5FFAC



000000



D2FFC8



EFFFE4



23862B



23862B



16861F



308637

088612

3E8644

00860B

4B8650

59865C

668669

738675

818681

8E868E

9C869A

Harmonies

Analogous

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



6C7C00



23862B



008B60

Triad

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



23862B



0080DB



D03F55

Complementary

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



23862B



86237E

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.



C83F89



23862B



4A6ED7

Square

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



23862B



0089C3



A156B8



BE5524

Rectangle

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



23862B



008C85



A156B8



D03C66

Sweetspot

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



23862B



87AD8A



7F8623



405742



D6D6D6



575757

Same Dimension

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



23862B



13AD20



23865B



3C423C



00820B



000300

Inverse Universe

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



86237E



AD13A1



86234E



423C42



820078



030002

Previews

White Background



This preview shows how the Hex color 23862B looks on a white background.

Color Contrast Check

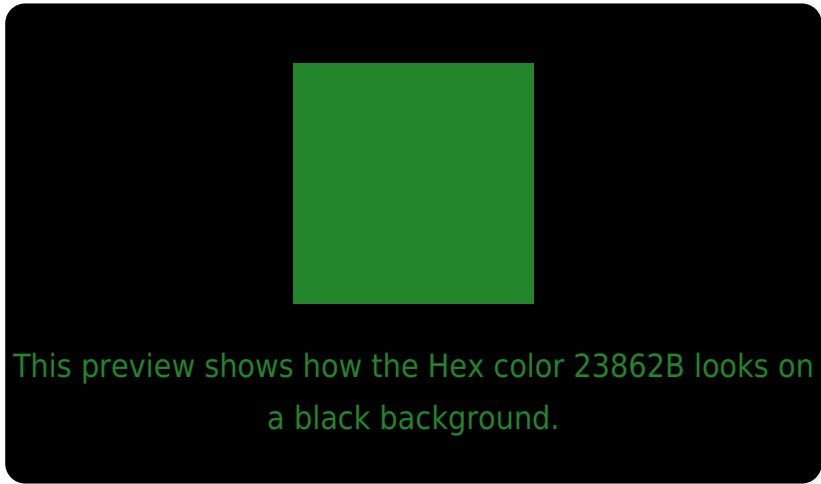
Large Text (above 18pt) WCAG AA ✓ Pass

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

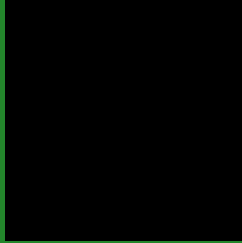
Any Text WCAG AA ✓ Pass

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 23862B Background



This preview shows how black text looks on a background with the Hex color 23862B.



This preview shows how white text looks on a background with the Hex color 23862B.

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
23862B

Protanopia
817426

Deuteranopia
8F6E33



Tritanopia
3F7D87

Trichromacy



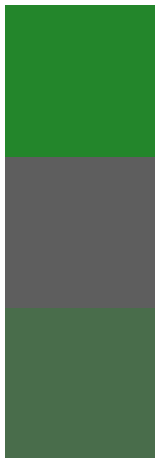
Original Color
23862B

Protanomaly
5F7B28

Deuteranomaly
687730

Tritanomaly
358066

Monochromacy



Original Color
23862B

Achromatopsia
5E5E5E

Achromatomaly
496D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 23862B 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 #23862B looks like.

```
.text, #text, p{  
    color:#23862B  
}
```

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 #23862B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23862B
}
```

Border

The CSS property to change the border of an element to Hex 23862B 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
#23862B }
```

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

```
.border{ border-color:#23862B }
```

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

Here you see how a box with a 4 pixel #23862B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23862B; -webkit-box-shadow:4px 4px  
4px 4px #23862B; box-shadow:4px 4px 4px  
4px #23862B }
```

Background

The CSS property to change the background color of an element to Hex 23862B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23862B }
```

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

```
.background{ background-color:#23862B }
```

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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