

Converting Colors

Hex(25953B)

Have a look what the booklet for
Hex(25953B) contains.

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Color

Hex(25953B)

Conversions

Conversions Part 1

Format	Color
Hex	25953B
RGB	37, 149, 59
RGB Percent	15%, 58%, 23%
CMY	0.8549, 0.4157, 0.7686
CMYK	0.75, 0.00, 0.60, 0.42
HSL	132°, 60%, 36%
HSV	132°, 75%, 58%
XYZ	12.2998, 22.2040, 7.7752
YIQ	105.2520, -37.8620, -51.7340

Conversions

Conversions Part 2

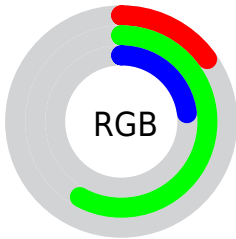
Format	Color
RYB	37, 131, 149
Decimal	2463035
CIELab	54.24, -49.87, 38.13
CIELCh	54, 62.775, 142.594
Yxy	22.2040, 0.2909, 0.5252
Android (android.graphics.Color)	4280653115 (0xFF25953B)
YUV	105.2520, -22.8022, -59.8570
Hunter-Lab	47.1211, -35.8688, 23.2016

Details

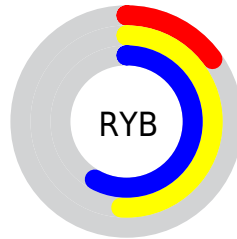
The Hex color **25953B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **95257F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **64CC6D**, and **006106** is the 20% darker color. If you saturate the color by 10%, you get **16952F**, and if you desaturate by 10%, it is **349547**.

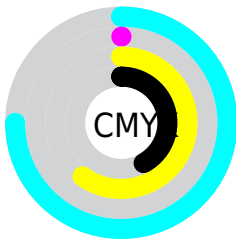
Distribution



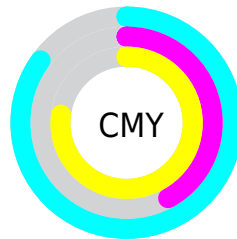
- Red (15%)
- Green (58%)
- Blue (23%)



- Red (15%)
- Yellow (51%)
- Blue (58%)



- Cyan (75%)
- Magenta (0%)
- Yellow (60%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25953B 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 25953B by changing the saturation by 10% instead.

 25953B

 25953B

FFFFFF

 007A22

 64CC6D

 006106

 81E987

 004800

 9DFFA2

 003100

 BAFFBE

 001700

 D7FFDA

 000000

 F5FFF7

 25953B

 25953B

 16952F

 349547

079523

439553

00951D

52955F

61956B

709577

7E9583

8D958F

9C959B

AB95A7

Harmonies

Analogous

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



748B00



25953B



009A72

Triad

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



25953B



008CEE



E14E5C

Complementary

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



25953B



95257F

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.



DB4B92



25953B



6579E7

Square

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



25953B



0097D7



B660C4



CD642A

Rectangle

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



25953B



009B98



B660C4



E24A6D

Sweetspot

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



25953B



95C29E



809525



46614B



E0E0E0



616161

Same Dimension

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



25953B



13C236



259572



434A44



008A1B



000A02

Inverse Universe

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



95257F



C213A0



952548



4A4348



8A006F



0A0008

Previews

White Background



This preview shows how the Hex color 25953B looks on a white background.

Color Contrast Check

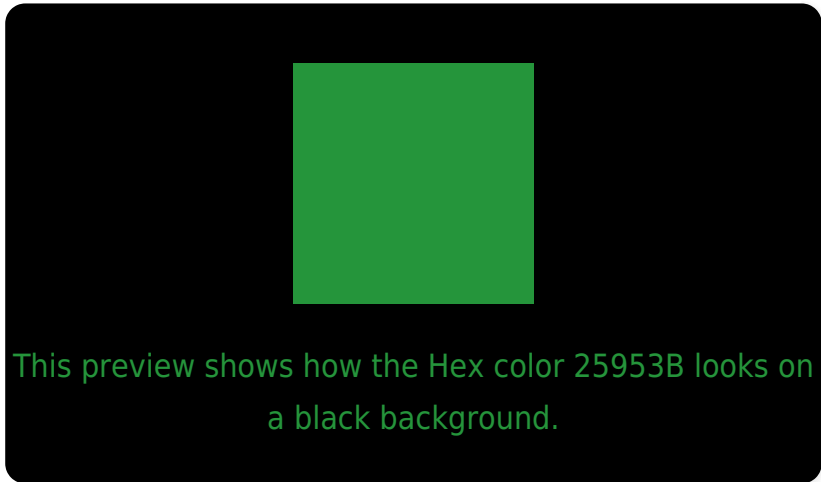
Large Text (above 18pt) WCAG AA ✓ Pass

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

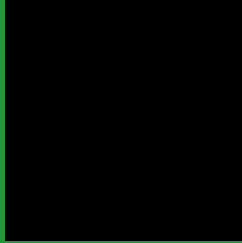
Any Text WCAG AA ✓ Pass

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 25953B Background



This preview shows how black text looks on a background with the Hex color 25953B.



This preview shows how white text looks on a background with the Hex color 25953B.

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](#).

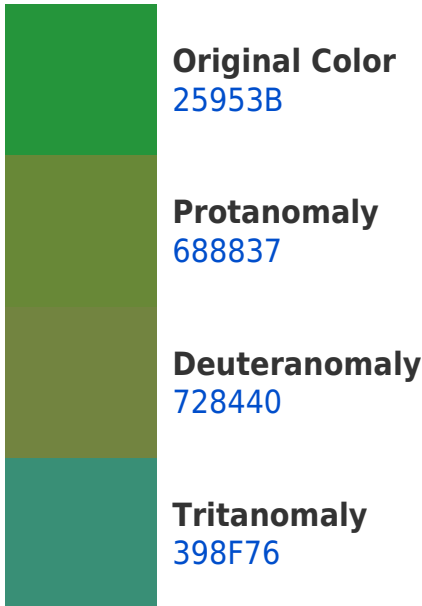
Dichromacy



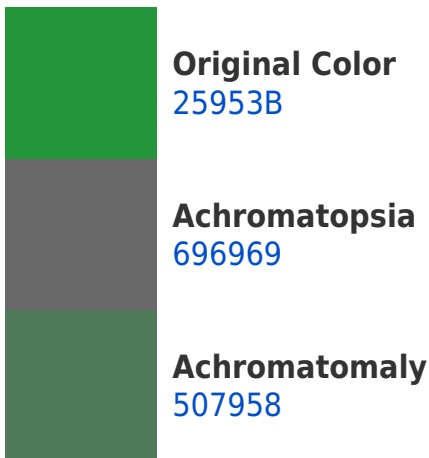


Tritanopia
448C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25953B 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 #25953B looks like.

```
.text, #text, p{  
    color:#25953B  
}
```

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 #25953B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25953B
}
```

Border

The CSS property to change the border of an element to Hex 25953B 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
#25953B }
```

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

```
.border{ border-color:#25953B }
```

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

Here you see how a box with a 4 pixel #25953B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25953B; -webkit-box-shadow:4px 4px  
4px 4px #25953B; box-shadow:4px 4px 4px  
4px #25953B }
```

Background

The CSS property to change the background color of an element to Hex 25953B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25953B }
```

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

```
.background{ background-color:#25953B }
```

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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