

Converting Colors

Hex(25E65B)

Have a look what the booklet for
Hex(25E65B) contains.

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Color

Hex(25E65B)

Conversions

Conversions Part 1

Format	Color
Hex	25E65B
RGB	37, 230, 91
RGB Percent	15%, 90%, 36%
CMY	0.8549, 0.0980, 0.6431
CMYK	0.84, 0.00, 0.60, 0.10
HSL	137°, 79%, 52%
HSV	137°, 84%, 90%
XYZ	30.9481, 57.7423, 19.4118
YIQ	156.4470, -70.4090, -84.1450

Conversions

Conversions Part 2

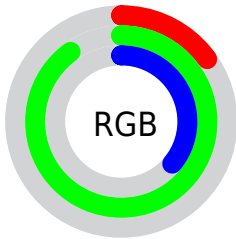
Format	Color
RYB	37, 188, 230
Decimal	2483803
CIELab	80.60, -72.38, 53.98
CIELCh	81, 90.290, 143.284
Yxy	57.7423, 0.2863, 0.5341
Android (android.graphics.Color)	4280673883 (0xFF25E65B)
YUV	156.4470, -32.2654, -104.7550
Hunter-Lab	75.9883, -60.2811, 38.0458

Details

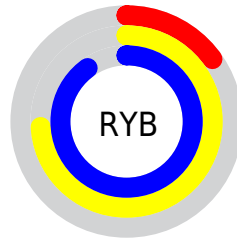
The Hex color **25E65B** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E625B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FF91**, and **00AD23** is the 20% darker color. If you saturate the color by 10%, you get **0EE64A**, and if you desaturate by 10%, it is **3CE66C**.

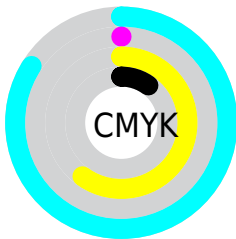
Distribution



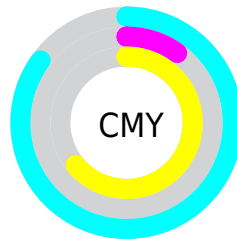
- Red (15%)
- Green (90%)
- Blue (36%)



- Red (15%)
- Yellow (74%)
- Blue (90%)



- Cyan (84%)
- Magenta (0%)
- Yellow (60%)
- Black (10%)



- Cyan (85%)
- Magenta (10%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25E65B 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 25E65B by changing the saturation by 10% instead.

 25E65B

 25E65B


FFFFFF

 00C940

 77FF91

 00AD23

 98FFAD

 009100

 B8FFC9

 007600

 D7FFE6

 005C00

 F7FFFF

 004200

 002900

 000400

 000000

 25E65B

 25E65B

 0EE64A

 3CE66C

 00E640

 53E67C

 6AE68D

 81E69D

 98E6AE

 AFE6BE

 C6E6CF

 DDE6E0

 F4E6F0

Harmonies

Analogous

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



B0D700



25E65B



00EDB2

Triad

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



25E65B



00D8FF



FF758B

Complementary

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



25E65B



E625B0

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.



FF6FDF



25E65B



9DBAFF

Square

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



25E65B



00E8FF



FF91FF



FF9A3D

Rectangle

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



25E65B



00EFEC



FF91FF



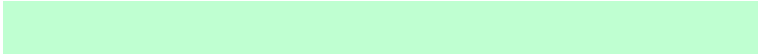
FF6EA6

Sweetspot

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



25E65B



BFFFD1



B3E625



598064



000000



808080

Same Dimension

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



25E65B



00FF47



25E6B9



67736A



00B332



00330E

Inverse Universe

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



E625B0



FF00B8



E62552



736770



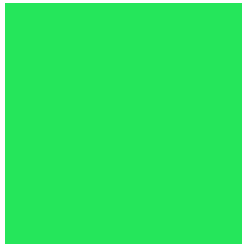
B30081



330025

Previews

White Background



This preview shows how the Hex color 25E65B looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 25E65B looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 25E65B Background



This preview shows how black text looks on a background with the Hex color 25E65B.

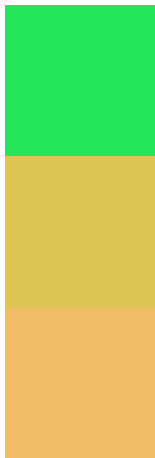


This preview shows how white text looks on a background with the Hex color 25E65B.

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](#).

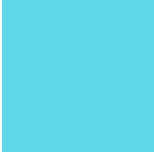
Dichromacy



Original Color
25E65B

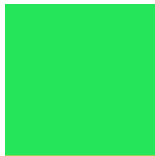
Protanopia
DDC652

Deuteranopia
F3BD67



Tritanopia
61D8E9

Trichromacy



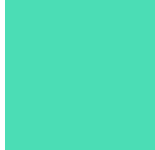
Original Color
25E65B



Protanomaly
9AD255



Deuteranomaly
A8CC63



Tritanomaly
4BDDB5

Monochromacy



Original Color
25E65B



Achromatopsia
9C9C9C



Achromatomaly
71B784

CSS Examples

Text

The CSS property to change the color of the text to Hex 25E65B 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 #25E65B looks like.

```
.text, #text, p{  
    color:#25E65B  
}
```

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 #25E65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25E65B
}
```

Border

The CSS property to change the border of an element to Hex 25E65B 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
#25E65B }
```

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

```
.border{ border-color:#25E65B }
```

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

Here you see how a box with a 4 pixel #25E65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25E65B; -webkit-box-shadow:4px 4px  
4px 4px #25E65B; box-shadow:4px 4px 4px  
4px #25E65B }
```

Background

The CSS property to change the background color of an element to Hex 25E65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25E65B }
```

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

```
.background{ background-color:#25E65B }
```

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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