

Converting Colors

Hex(20DE93)

Have a look what the booklet for
Hex(20DE93) contains.

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Color

Hex(20DE93)

Conversions

Conversions Part 1

Format	Color
Hex	20DE93
RGB	32, 222, 147
RGB Percent	13%, 87%, 58%
CMY	0.8745, 0.1294, 0.4235
CMYK	0.86, 0.00, 0.34, 0.13
HSL	156°, 75%, 50%
HSV	156°, 86%, 87%
XYZ	31.9834, 54.6562, 36.4678
YIQ	156.6400, -89.1650, -63.6050

Conversions

Conversions Part 2

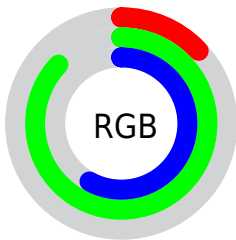
Format	Color
R_{YB}	32, 150, 222
Decimal	2154131
CIE _{Lab}	78.84, -61.03, 24.63
CIE _{LCh}	79, 65.812, 158.023
Yxy	54.6562, 0.2598, 0.4440
Android (android.graphics.Color)	4280344211 (0xFF20DE93)
YUV	156.6400, -4.7525, -109.3093
Hunter-Lab	73.9298, -52.1549, 22.5046

Details

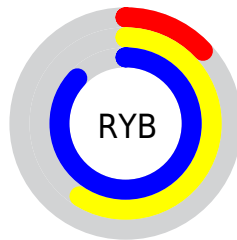
The Hex color **20DE93** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DE206B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FFC9**, and **00A560** is the 20% darker color. If you saturate the color by 10%, you get **0ADE8A**, and if you desaturate by 10%, it is **36DE9C**.

Distribution



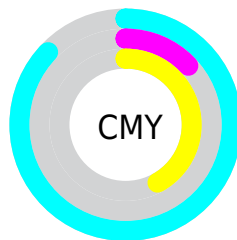
- Red (13%)
- Green (87%)
- Blue (58%)



- Red (13%)
- Yellow (59%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20DE93 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 20DE93 by changing the saturation by 10% instead.

 20DE93

 20DE93

FFFFFF

 00C179

 72FFC9

 00A560

 92FFE6

 008A48

 B2FFFF

 006F30

 D1FFFF

 00561A

 F0FFFF

 003D02

 002500

 000000

 20DE93

 20DE93

0ADE8A

36DE9C

00DE86

4CDEA5

63DEAD

79DEB6

8FDEBF

A5DEC8

BBDED0

D2DED9

E8DEE2

Harmonies

Analogous

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



94D55D



20DE93



00E1D2

Triad

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



20DE93



6BC4FF



FF987B

Complementary

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



20DE93



DE206B

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.



FF8CB5



20DE93



DCACFF

Square

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



20DE93



00D6FF



FF95F2



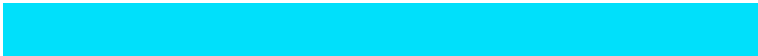
FFB04F

Rectangle

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



20DE93



00E0FB



FF95F2



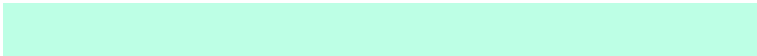
FF928D

Sweetspot

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



20DE93



BDFFE5



6CDE20



588070



000000



808080

Same Dimension

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



20DE93



00FF9A



20CBDE



65706C



00B06A



00301D

Inverse Universe

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



DE206B



FF0065



DE3320



706569



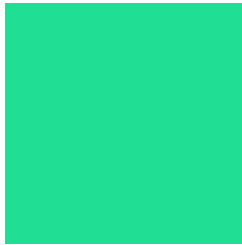
B00045



300013

Previews

White Background



This preview shows how the Hex color 20DE93 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 20DE93 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 20DE93 Background



This preview shows how black text looks on a background with the Hex color 20DE93.

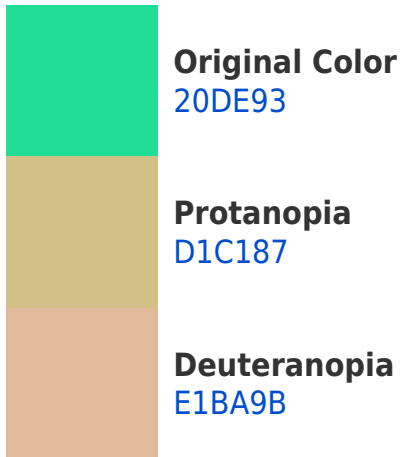


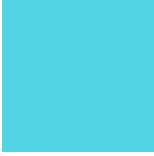
This preview shows how white text looks on a background with the Hex color 20DE93.

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
52D4E5

Trichromacy



Original Color
20DE93



Protanomaly
91CC8B



Deuteranomaly
9BC798



Tritanomaly
40D8C7

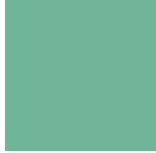
Monochromacy



Original Color
20DE93



Achromatopsia
9D9D9D



Achromatomaly
70B599

CSS Examples

Text

The CSS property to change the color of the text to Hex 20DE93 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 #20DE93 looks like.

```
.text, #text, p{  
    color:#20DE93  
}
```

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 #20DE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20DE93
}
```

Border

The CSS property to change the border of an element to Hex 20DE93 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
#20DE93 }
```

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

```
.border{ border-color:#20DE93 }
```

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

Here you see how a box with a 4 pixel #20DE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20DE93; -webkit-box-shadow:4px 4px  
4px 4px #20DE93; box-shadow:4px 4px 4px  
4px #20DE93 }
```

Background

The CSS property to change the background color of an element to Hex 20DE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20DE93 }
```

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

```
.background{ background-color:#20DE93 }
```

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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