

Converting Colors

Hex(1D3EC3)

Have a look what the booklet for
Hex(1D3EC3) contains.

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Color

Hex(1D3EC3)

Conversions

Conversions Part 1

Format	Color
Hex	1D3EC3
RGB	29, 62, 195
RGB Percent	11%, 24%, 76%
CMY	0.8863, 0.7569, 0.2353
CMYK	0.85, 0.68, 0.00, 0.24
HSL	228°, 74%, 44%
HSV	228°, 85%, 76%
XYZ	12.0796, 7.6466, 52.4690
YIQ	67.2950, -62.3610, 34.3670

Conversions

Conversions Part 2

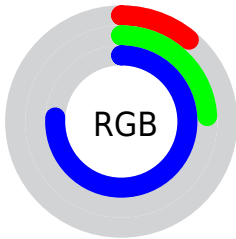
Format	Color
R_{YB}	29, 57, 195
Decimal	1916611
CIE _{Lab}	33.24, 39.16, -71.91
CIE _{LCh}	33, 81.883, 298.573
Yxy	7.6466, 0.1673, 0.1059
Android (android.graphics.Color)	4280106691 (0xFF1D3EC3)
YUV	67.2950, 62.9586, -33.5847
Hunter-Lab	27.6525, 29.5837, -93.1428

Details

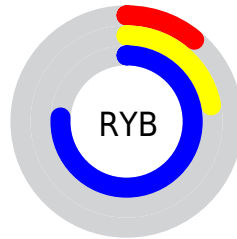
The Hex color **1D3EC3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C3A21D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6B6EFD**, and **00148C** is the 20% darker color. If you saturate the color by 10%, you get **0A2EC3**, and if you desaturate by 10%, it is **314EC3**.

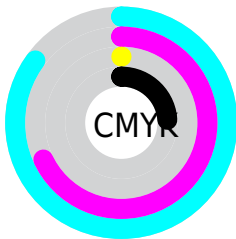
Distribution



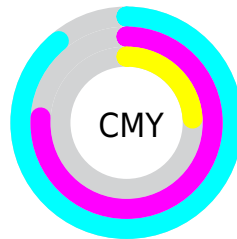
- Red (11%)
- Green (24%)
- Blue (76%)



- Red (11%)
- Yellow (22%)
- Blue (76%)



- Cyan (85%)
- Magenta (68%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (76%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3EC3 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 1D3EC3 by changing the saturation by 10% instead.

 1D3EC3

 1D3EC3

FFFFFF

 0028A7

 6B6EFD

 00148C

 8A87FF

 000072

 A9A1FF

 000558

 C7BCFF

 000740

 E6D8FF

 000329

 FFF5FF

 000113

 000000

 1D3EC3

 1D3EC3

■ 0A2EC3

■ 314EC3

■ 0027C3

■ 445DC3

■ 586DC3

■ 6B7CC3

■ 7F8CC3

■ 929CC3

■ A6ABC3

■ B9BBC3

■ CDCBC3

Harmonies

Analogous

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



005AD4



1D3EC3



940093

Triad

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



1D3EC3



932800



006549

Complementary

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



1D3EC3



C3A21D

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.



006200



1D3EC3



634B00

Square

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



1D3EC3



B10016



1A5B00



00668B

Rectangle

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



1D3EC3



AF006A



1A5B00



006432

Sweetspot

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



1D3EC3



BBC8FC



1DC3A2



586080



000000



808080

Same Dimension

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



1D3EC3



0032FC



4F1DC3



575961



0020A1



000721

Inverse Universe

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



C31D3E



FC0032



91C31D



615759



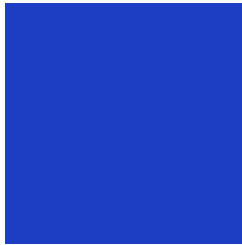
A10020



210007

Previews

White Background



This preview shows how the Hex color 1D3EC3 looks on a white background.

Color Contrast Check

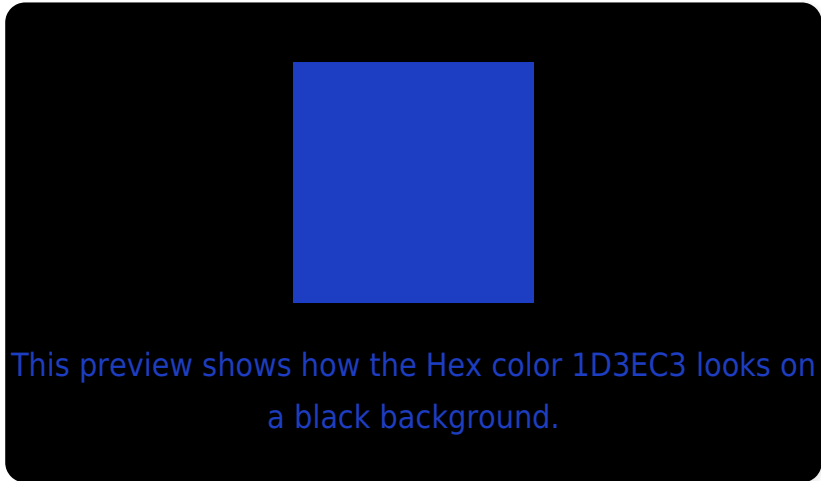
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

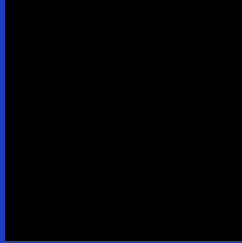
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1D3EC3 Background



This preview shows how black text looks on a background with the Hex color 1D3EC3.



This preview shows how white text looks on a background with the Hex color 1D3EC3.

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
00565B

Trichromacy



Original Color
1D3EC3

Protanomaly
0B46AB

Deuteranomaly
0B499D

Tritanomaly
0B4D81

Monochromacy



Original Color
1D3EC3

Achromatopsia
434343

Achromatomaly
354172

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3EC3 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 #1D3EC3 looks like.

```
.text, #text, p{  
    color:#1D3EC3  
}
```

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 #1D3EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3EC3
}
```

Border

The CSS property to change the border of an element to Hex 1D3EC3 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
#1D3EC3 }
```

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

```
.border{ border-color:#1D3EC3 }
```

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

Here you see how a box with a 4 pixel #1D3EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3EC3; -webkit-box-shadow:4px 4px  
4px 4px #1D3EC3; box-shadow:4px 4px 4px  
4px #1D3EC3 }
```

Background

The CSS property to change the background color of an element to Hex 1D3EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3EC3 }
```

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

```
.background{ background-color:#1D3EC3 }
```

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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