

Converting Colors

Hex(D1E353)

Have a look what the booklet for
Hex(D1E353) contains.

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Color

Hex(D1E353)

Conversions

Conversions Part 1

Format	Color
Hex	D1E353
RGB	209, 227, 83
RGB Percent	82%, 89%, 33%
CMY	0.1804, 0.1098, 0.6745
CMYK	0.08, 0.00, 0.63, 0.11
HSL	68°, 72%, 61%
HSV	68°, 63%, 89%
XYZ	55.3249, 69.1180, 18.6088
YIQ	205.2020, 35.4960, -48.6000

Conversions

Conversions Part 2

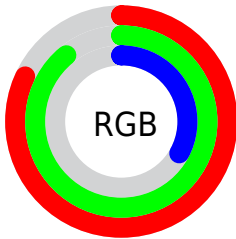
Format	Color
RYB	83, 227, 101
Decimal	13755219
CIELab	86.56, -24.60, 65.84
CIELCh	87, 70.289, 110.490
Yxy	69.1180, 0.3867, 0.4832
Android (android.graphics.Color)	4291945299 (0xFFD1E353)
YUV	205.2020, -60.2456, 3.3308
Hunter-Lab	83.1372, -26.7047, 44.9251

Details

The Hex color **D1E353** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6553E3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF8B**, and **97AC12** is the 20% darker color. If you saturate the color by 10%, you get **CEE33C**, and if you desaturate by 10%, it is **D4E36A**.

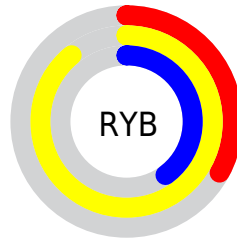
Distribution



Red (82%)

Green (89%)

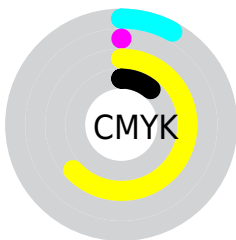
Blue (33%)



Red (33%)

Yellow (89%)

Blue (40%)

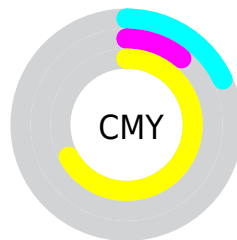


Cyan (8%)

Magenta (0%)

Yellow (63%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1E353 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 D1E353 by changing the saturation by 10% instead.

 D1E353

FFFFFF

 FFFF8B

 FFFFA7

 FFFFC3

 FFFFFE0

FFFFFFE

 D1E353

 B4C736

 97AC12

 7B9100

 607800

 455F00

 2A4700

 0E3000

 001E00

 000000

 D1E353

 D1E353

 CEE33C

 D4E36A

 CBE326

 D7E380

 C8E30F

 DAE397

 C7E300

 DCE3AE

 DFE3C4

 E2E3DB

 E5E3F2

 E8E3FF

 EBE3FF

Harmonies

Analogous

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



FFCE4F



D1E353



81F180

Triad

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



D1E353



00F4FF



FF9FF1

Complementary

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



D1E353



6553E3

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.



FFB4FF



D1E353



00E6FF

Square

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



D1E353



00F9FF



B7D0FF



FFA0AE

Rectangle

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



D1E353



03F6AA



B7D0FF



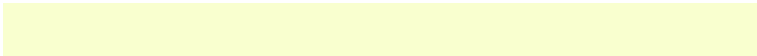
FFA5FF

Sweetspot

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



D1E353



F9FFCF



E36453



7C8062



000000



808080

Same Dimension

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



D1E353



E7FF3D



8AE353



717367



9CB300



2D3300

Inverse Universe

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



6553E3



553DFF



AC53E3



696773



1600B3



060033

Previews

White Background



This preview shows how the Hex color D1E353 looks on a white background.

Color Contrast Check

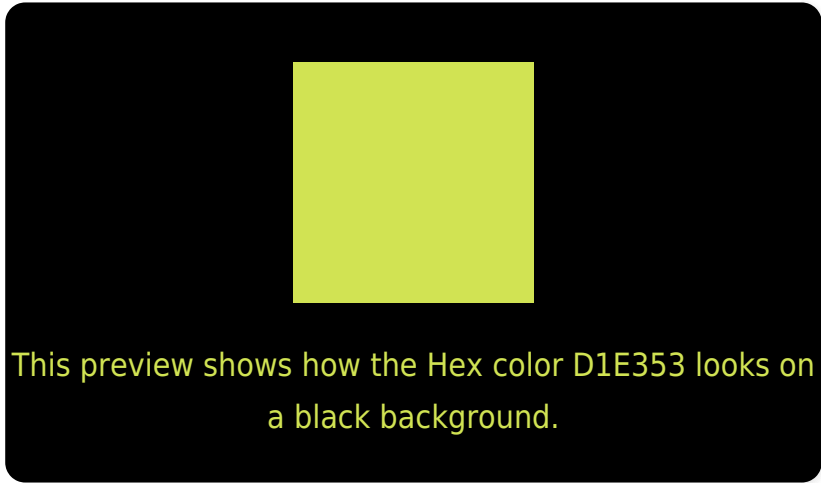
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D1E353 Background



This preview shows how black text looks on a background with the Hex color D1E353.

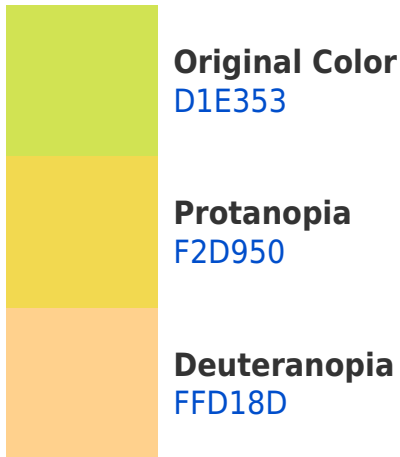


This preview shows how white text looks on a background with the Hex color D1E353.

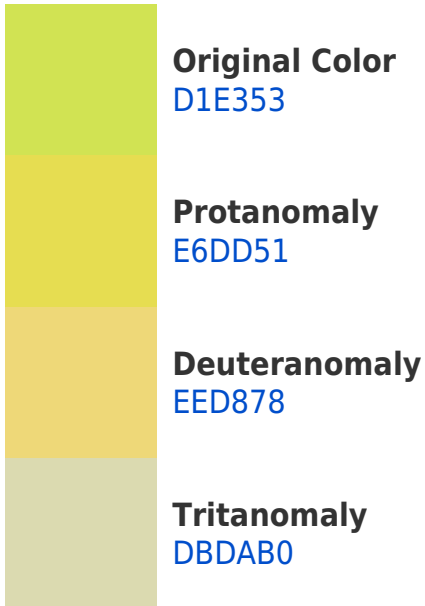
Color Blindness Simulation

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](#).

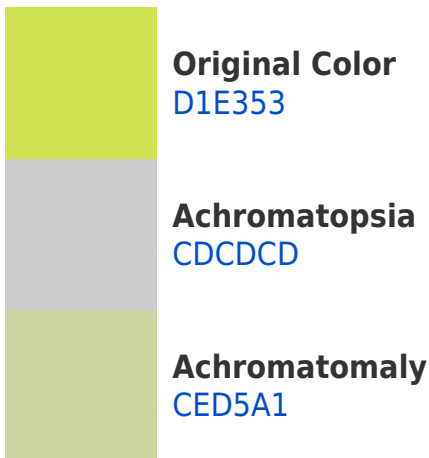
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1E353 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 #D1E353 looks like.

```
.text, #text, p{  
    color:#D1E353  
}
```

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 #D1E353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1E353
}
```

Border

The CSS property to change the border of an element to Hex D1E353 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
#D1E353 }
```

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

```
.border{ border-color:#D1E353 }
```

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

Here you see how a box with a 4 pixel #D1E353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1E353; -webkit-box-shadow:4px 4px  
4px 4px #D1E353; box-shadow:4px 4px 4px  
4px #D1E353 }
```

Background

The CSS property to change the background color of an element to Hex D1E353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1E353 }
```

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

```
.background{ background-color:#D1E353 }
```

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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