

Converting Colors

Hex(DECC29)

Have a look what the booklet for
Hex(DECC29) contains.

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Color

Hex(DEC29)

Conversions

Conversions Part 1

Format	Color
Hex	DECC29
RGB	222, 204, 41
RGB Percent	87%, 80%, 16%
CMY	0.1294, 0.2000, 0.8392
CMYK	0.00, 0.08, 0.82, 0.13
HSL	54°, 73%, 52%
HSV	54°, 82%, 87%
XYZ	52.1173, 58.8754, 10.7150
YIQ	190.8000, 63.0510, -46.8770

Conversions

Conversions Part 2

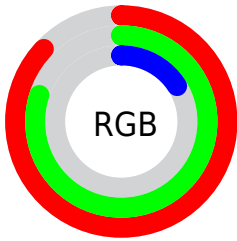
Format	Color
RYB	61, 222, 41
Decimal	14601257
CIELab	81.22, -9.82, 75.29
CIELCh	81, 75.927, 97.430
Yxy	58.8754, 0.4282, 0.4837
Android (android.graphics.Color)	4292791337 (0xFFDECC29)
YUV	190.8000, -73.8514, 27.3624
Hunter-Lab	76.7303, -13.0360, 45.4316

Details

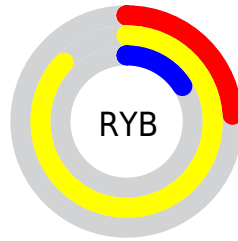
The Hex color **DECC29** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **293BDE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF67**, and **A39600** is the 20% darker color. If you saturate the color by 10%, you get **DECA13**, and if you desaturate by 10%, it is **DECE3F**.

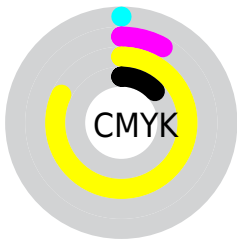
Distribution



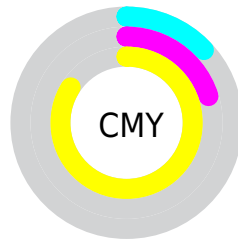
- Red (87%)
- Green (80%)
- Blue (16%)



- Red (24%)
- Yellow (87%)
- Blue (16%)



- Cyan (0%)
- Magenta (8%)
- Yellow (82%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DECC29 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 DECC29 by changing the saturation by 10% instead.

 DECC29

 DECC29

FFFFFF

 C0B100

 FFFF67

 A39600

 FFFF83

 867D00

 FFFFA0

 6A6400

 FFFFBC

 4E4C00

 FFFFDA

 333600

 FFFFF7

 1B2100

 000800

 000000

 DECC29

 DECC29

 DECA13

 DECE3F

 DEC800

 DED055

 DED36C

 DED582

 DED798

 DED9AE

 DEDBC4

 DEDEDB

 DEE0F1

Harmonies

Analogous

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



FFB240



DECC29



92DE50

Triad

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



DECC29



00EAFB



FF91FF

Complementary

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



DECC29



293BDE

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.



E4AFFF



DECC29



00E0FF

Square

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



DECC29



00ECDA



49CCFF



FF86BB

Rectangle

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



DECC29



45E579



49CCFF



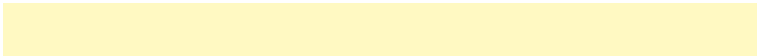
FF9AFF

Sweetspot

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



DECC29



FFF9C2



DE293B



807C5B



000000



808080

Same Dimension

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



DECC29



FFE605



96DE29



706F65



B09E00



302C00

Inverse Universe

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



293BDE



051EFF



7129DE



656670



0011B0



000530

Previews

White Background



This preview shows how the Hex color DECC29 looks on a white background.

Color Contrast Check

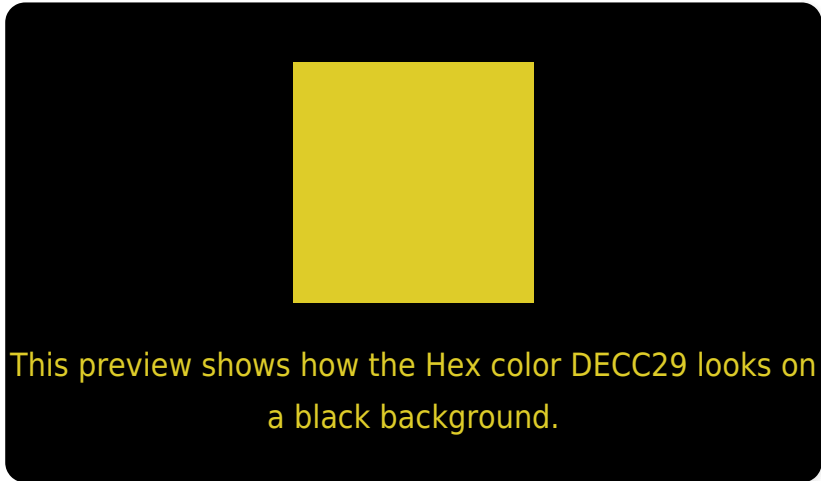
Large Text (above 18pt) WCAG AA × Fail

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 DECC29 Background



This preview shows how black text looks on a background with the Hex color DECC29.

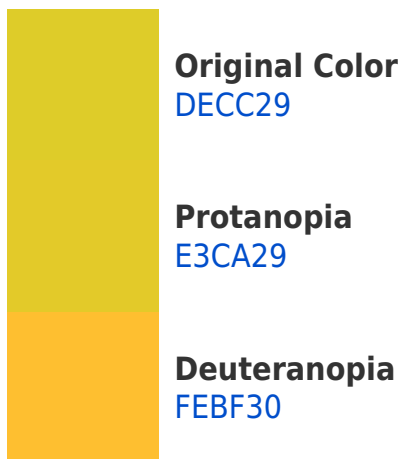


This preview shows how white text looks on a background with the Hex color DECC29.

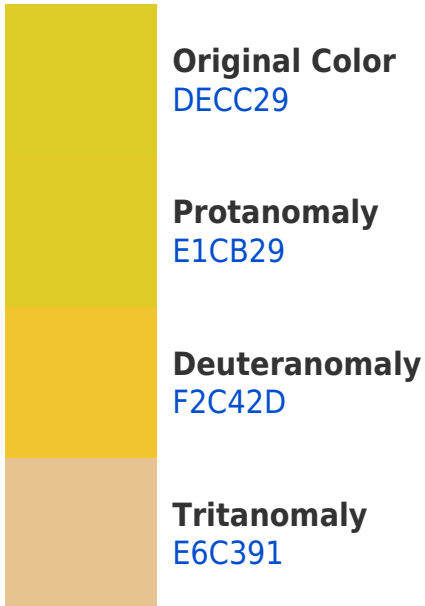
Color Blindness Simulation

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 DECC29 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 #DECC29 looks like.

```
.text, #text, p{  
  color:#DECC29  
}
```

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 #DECC29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECC29
}
```

Border

The CSS property to change the border of an element to Hex DECC29 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
#DECC29 }
```

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

```
.border{ border-color:#DECC29 }
```

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

Here you see how a box with a 4 pixel #DECC29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECC29; -webkit-box-shadow:4px 4px  
4px 4px #DECC29; box-shadow:4px 4px 4px  
4px #DECC29 }
```

Background

The CSS property to change the background color of an element to Hex DECC29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECC29 }
```

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

```
.background{ background-color:#DECC29 }
```

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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