

Converting Colors

Hex(DEC562)

Have a look what the booklet for
Hex(DEC562) contains.

Hex(DEC562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DEC562)

Conversions

Conversions Part 1

Format	Color
Hex	DEC562
RGB	222, 197, 98
RGB Percent	87%, 77%, 38%
CMY	0.1294, 0.2275, 0.6157
CMYK	0.00, 0.11, 0.56, 0.13
HSL	48°, 65%, 63%
HSV	48°, 56%, 87%
XYZ	52.2951, 56.3439, 19.6745
YIQ	193.1890, 46.6790, -25.4890

Conversions

Conversions Part 2

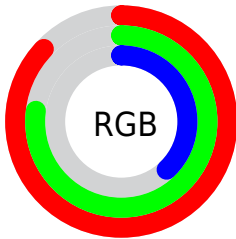
Format	Color
RYB	129, 222, 98
Decimal	14599522
CIELab	79.81, -3.26, 52.12
CIElCh	80, 52.221, 93.579
Yxy	56.3439, 0.4076, 0.4391
Android (android.graphics.Color)	4292789602 (0xFFDEC562)
YUV	193.1890, -46.9282, 25.2672
Hunter-Lab	75.0626, -7.0011, 37.0034

Details

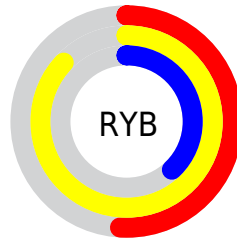
The Hex color **DEC562** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **627BDE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFD97**, and **A4902E** is the 20% darker color. If you saturate the color by 10%, you get **DEC14C**, and if you desaturate by 10%, it is **DEC978**.

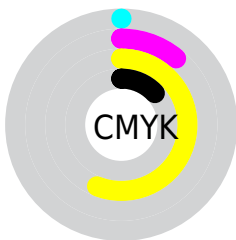
Distribution



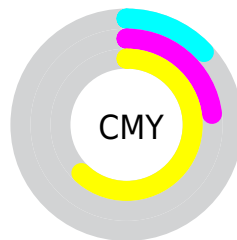
- Red (87%)
- Green (77%)
- Blue (38%)



- Red (51%)
- Yellow (87%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (56%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC562 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 DEC562 by changing the saturation by 10% instead.

 DEC562

 DEC562

FFFFFF

 C1AA48

 FFFD97

 A4902E

 FFFFFB3

 887610

 FFFF CF

 6D5E00

 FFFF EC

 534600

 383000

 201C00

 000000

 DEC562

 DEC562

 DEC14C

 DEC978

 DEBC36

 DECE8E

 DEB81F

 DED2A5

 DEB309

 DED7BB

 DEB100

 DEDBD1

 DEE0E7

 DEE4FD

 DEE9FF

 DEEDFF

Harmonies

Analogous

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



FFB46F



DEC562



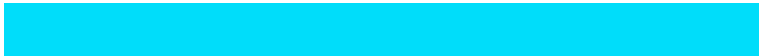
ABD372

Triad

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



DEC562



00DDFA



FFA6F2

Complementary

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



DEC562



627BDE

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.



D2B7FF



DEC562



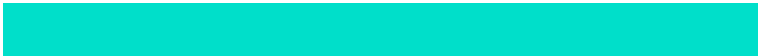
00D6FF

Square

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



DEC562



00DFCA



80C9FF



FF9EC2

Rectangle

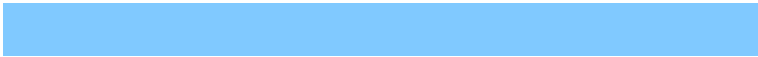
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEC562



83D98A



80C9FF



F8ABFF

Sweetspot

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



DEC562



FFF6D4



DE627D



807A66



000000



808080

Same Dimension

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



DEC562



FFDD54



BBDE62



706E65



B08C00



302700

Inverse Universe

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



627BDE



5477FF



8562DE



656770



0023B0



000A30

Previews

White Background



This preview shows how the Hex color DEC562 looks on a white background.

Color Contrast Check

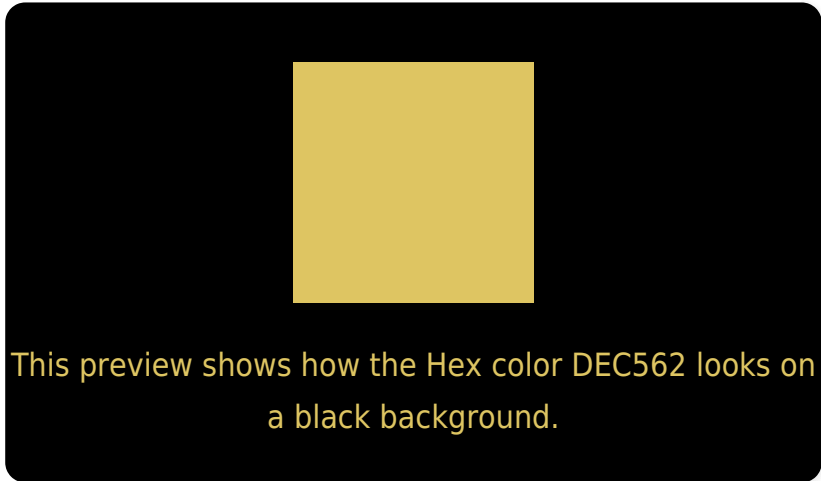
Large Text (above 18pt) WCAG AA × Fail

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 DEC562 Background



This preview shows how black text looks on a background with the Hex color DEC562.



This preview shows how white text looks on a background with the Hex color DEC562.

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
DEC562

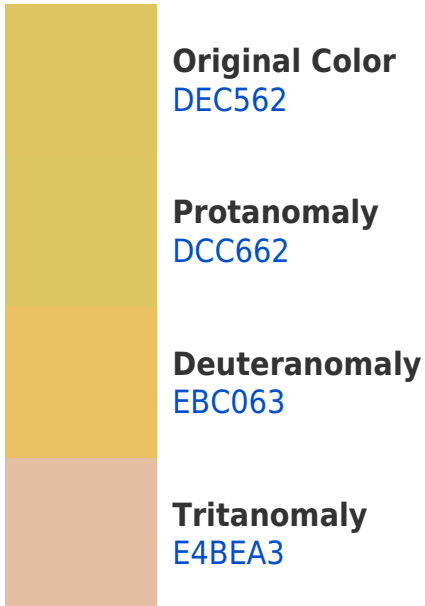
Protanopia
DBC662

Deuteranopia
F3BD64

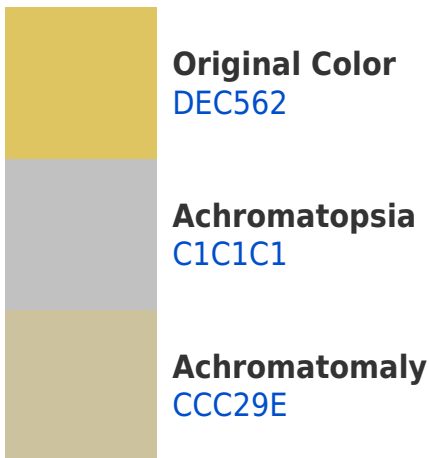


Tritanopia
E7BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEC562 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 #DEC562 looks like.

```
.text, #text, p{  
    color:#DEC562  
}
```

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 #DEC562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC562
}
```

Border

The CSS property to change the border of an element to Hex DEC562 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
#DEC562 }
```

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

```
.border{ border-color:#DEC562 }
```

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

Here you see how a box with a 4 pixel #DEC562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC562; -webkit-box-shadow:4px 4px  
4px 4px #DEC562; box-shadow:4px 4px 4px  
4px #DEC562 }
```

Background

The CSS property to change the background color of an element to Hex DEC562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC562 }
```

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

```
.background{ background-color:#DEC562 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor