

Converting Colors

Hex(6DEA25)

Have a look what the booklet for
Hex(6DEA25) contains.

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Color

Hex(6DEA25)

Conversions

Conversions Part 1

Format	Color
Hex	6DEA25
RGB	109, 234, 37
RGB Percent	43%, 92%, 15%
CMY	0.5725, 0.0824, 0.8549
CMYK	0.53, 0.00, 0.84, 0.08
HSL	98°, 82%, 53%
HSV	98°, 84%, 92%
XYZ	36.0634, 62.2304, 11.8612
YIQ	174.1670, -11.2630, -87.7670

Conversions

Conversions Part 2

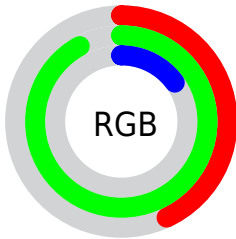
Format	Color
RYB	37, 234, 162
Decimal	7203365
CIELab	83.04, -64.90, 75.23
CIELCh	83, 99.360, 130.784
Yxy	62.2304, 0.3274, 0.5649
Android (android.graphics.Color)	4285393445 (0xFF6DEA25)
YUV	174.1670, -67.6233, -57.1515
Hunter-Lab	78.8863, -56.4484, 46.3056

Details

The Hex color **6DEA25** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **A225EA**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **ABFF66**, and **21B100** is the 20% darker color. If you saturate the color by 10%, you get **5EEA0E**, and if you desaturate by 10%, it is **7CEA3C**.

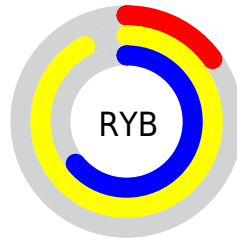
Distribution



Red (43%)

Green (92%)

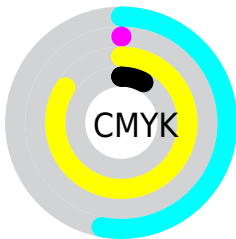
Blue (15%)



Red (15%)

Yellow (92%)

Blue (64%)

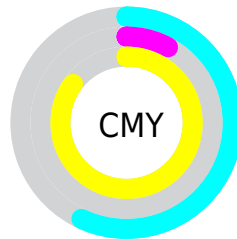


Cyan (53%)

Magenta (0%)

Yellow (84%)

Black (8%)



Cyan (57%)

Magenta (8%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DEA25 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 6DEA25 by changing the saturation by 10% instead.

 6DEA25

 6DEA25


FFFFFF

 4BCD00

 ABFF66

 21B100

 CAFF83

 009600

 E9FFA0

 007B00

 FFFFBE

 006100

 FFFFDB

 004700

 FFFFF9

 003000

 001300

 000000

 6DEA25

 6DEA25

 5EEA0E

 7CEA3C

 56EA00

 8BEA54

 9AEA6B

 A8EA83

 B7EA9A

 C6EAB1

 D5EAC9

 E4EAE0

 F3EAF8

Harmonies

Analogous

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



D9D500



6DEA25



00F58D

Triad

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



6DEA25



00EAFB



FF63B1

Complementary

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



6DEA25



A225EA

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.



FF74FF



6DEA25



00CFFF

Square

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



6DEA25



00F6FF



FBA5FF



FF8758

Rectangle

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



6DEA25



00F8CF



FBA5FF



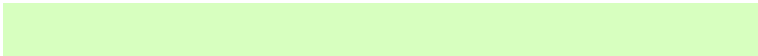
FF62D0

Sweetspot

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



6DEA25



D7FFBF



EAA225



678059



000000



808080

Same Dimension

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



6DEA25



5DFF00



25EA3F



6E756A



42B500



143600

Inverse Universe

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



A225EA



A200FF



EA25D0



716A75



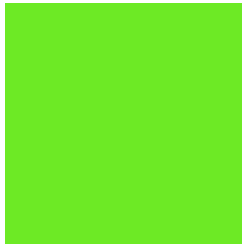
7300B5



220036

Previews

White Background



This preview shows how the Hex color 6DEA25 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 6DEA25 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

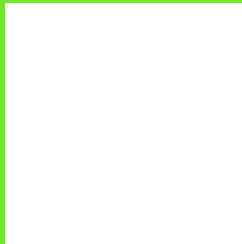
Any Text WCAG AAA ✓ Pass

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

Hex 6DEA25 Background



This preview shows how black text looks on a background with the Hex color 6DEA25.

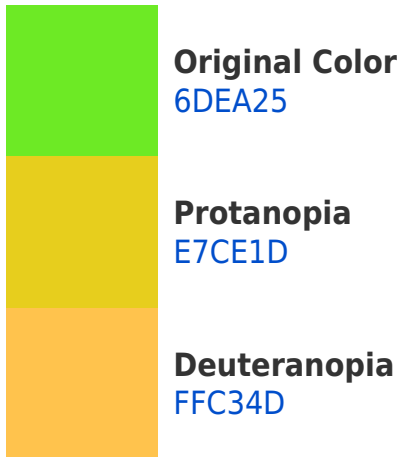


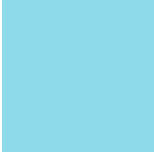
This preview shows how white text looks on a background with the Hex color 6DEA25.

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](#).

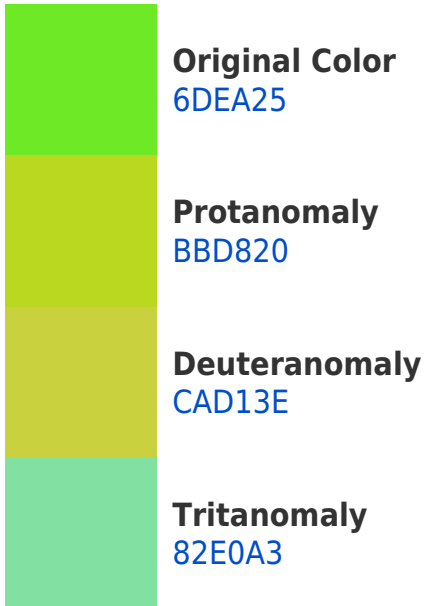
Dichromacy



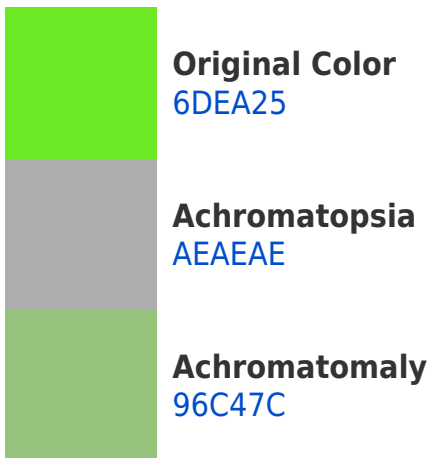


Tritanopia
8EDAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DEA25 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 #6DEA25 looks like.

```
.text, #text, p{  
    color:#6DEA25  
}
```

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 #6DEA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DEA25
}
```

Border

The CSS property to change the border of an element to Hex 6DEA25 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
#6DEA25 }
```

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

```
.border{ border-color:#6DEA25 }
```

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

Here you see how a box with a 4 pixel #6DEA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DEA25; -webkit-box-shadow:4px 4px  
4px 4px #6DEA25; box-shadow:4px 4px 4px  
4px #6DEA25 }
```

Background

The CSS property to change the background color of an element to Hex 6DEA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DEA25 }
```

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

```
.background{ background-color:#6DEA25 }
```

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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