

Converting Colors

Hex(FDEA20)

Have a look what the booklet for
Hex(FDEA20) contains.

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Color

Hex(FDEA20)

Conversions

Conversions Part 1

Format	Color
Hex	FDEA20
RGB	253, 234, 32
RGB Percent	99%, 92%, 13%
CMY	0.0078, 0.0824, 0.8745
CMYK	0.00, 0.08, 0.87, 0.01
HSL	55°, 98%, 56%
HSV	55°, 87%, 99%
XYZ	70.1915, 79.8326, 13.0762
YIQ	216.6530, 76.1660, -58.7940

Conversions

Conversions Part 2

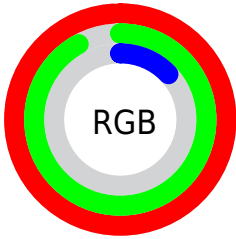
Format	Color
RYB	53, 253, 32
Decimal	16640544
CIELab	91.61, -11.89, 86.86
CIELCh	92, 87.670, 97.795
Yxy	79.8326, 0.4304, 0.4895
Android (android.graphics.Color)	4294830624 (0xFFFDEA20)
YUV	216.6530, -91.0339, 31.8763
Hunter-Lab	89.3491, -16.1335, 53.8673

Details

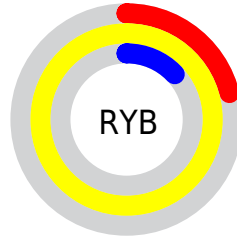
The Hex color **FDEA20** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2033FD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF66**, and **C0B300** is the 20% darker color. If you saturate the color by 10%, you get **FDE807**, and if you desaturate by 10%, it is **FDEC39**.

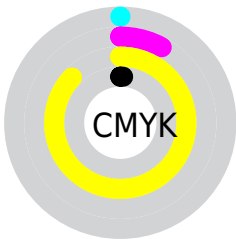
Distribution



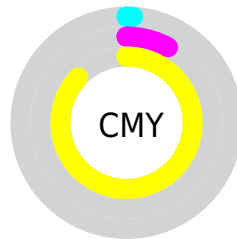
- Red (99%)
- Green (92%)
- Blue (13%)



- Red (21%)
- Yellow (99%)
- Blue (13%)



- Cyan (0%)
- Magenta (8%)
- Yellow (87%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDEA20 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 FDEA20 by changing the saturation by 10% instead.

 FDEA20

 FDEA20

FFFFFF

 DECE00

 FFFF66

 C0B300

 FFFF84

 A29800

 FFFFA2

 857F00

 FFFFBF

 686600

 FFFFDD

 4C4E00

 FFFFFB

 313800

 192200

 000B00

 FDEA20

 FDEA20

 FDE807

 FDEC39

 FDE700

 FDEE53

 FDF16C

 FDF385

 FDF59E

 FDF7B8

 FDF9D1

 FDFBEA

 FDFEFF

Harmonies

Analogous

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



FFCB41



FDEA20



A3FF56

Triad

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



FDEA20



00FFFF



FFA3FF

Complementary

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



FDEA20



2033FD

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.



FFC7FF



FDEA20



00FFFF

Square

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



FDEA20



00FFFB



42E9FF



FF94D4

Rectangle

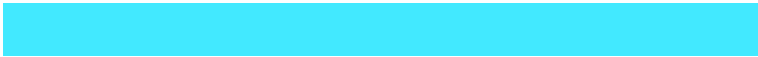
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDEA20



3FFF88



42E9FF



FFAEFF

Sweetspot

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



FDEA20



FFF9BD



FD2036



807C58



000000



808080

Same Dimension

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



FDEA20



FFE900



A5FD20



807E73



BFAF00



403A00

Inverse Universe

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



2033FD



0016FF



7820FD



737480



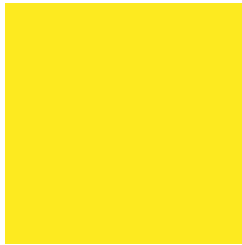
0010BF



000540

Previews

White Background



This preview shows how the Hex color FDEA20 looks on a white background.

Color Contrast Check

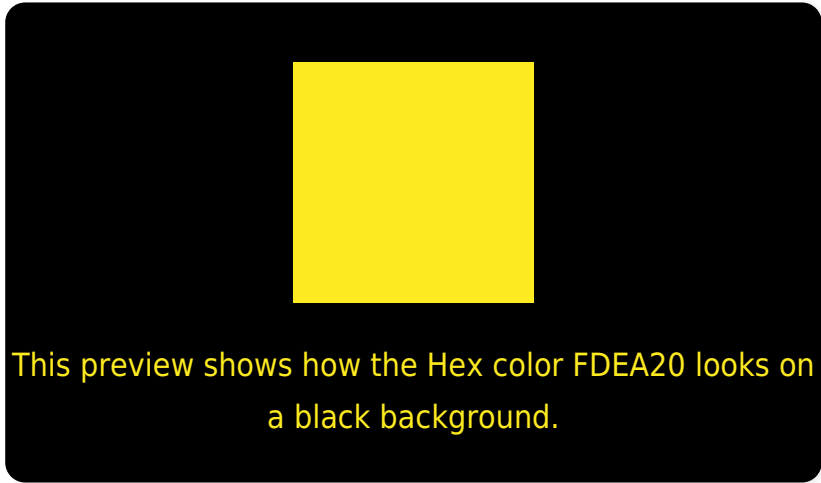
Large Text (above 18pt) WCAG AA × Fail

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 FDEA20 Background



This preview shows how black text looks on a background with the Hex color FDEA20.



This preview shows how white text looks on a background with the Hex color FDEA20.

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
FDEA20

Protanopia
FFE76F

Deuteranopia
FFE3BD



Tritanopia
FFDEE9

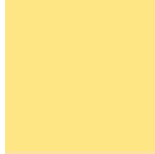
Trichromacy



Original Color
FDEA20



Protanomaly
FEE852



Deuteranomaly
FEE684

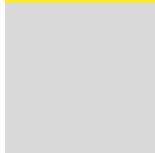


Tritanomaly
FEE2A0

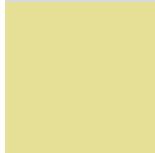
Monochromacy



Original Color
FDEA20



Achromatopsia
D9D9D9



Achromatomaly
E6DF96

CSS Examples

Text

The CSS property to change the color of the text to Hex FDEA20 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 #FDEA20 looks like.

```
.text, #text, p{  
    color:#FDEA20  
}
```

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 #FDEA20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDEA20
}
```

Border

The CSS property to change the border of an element to Hex FDEA20 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
#FDEA20 }
```

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

```
.border{ border-color:#FDEA20 }
```

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

Here you see how a box with a 4 pixel #FDEA20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDEA20; -webkit-box-shadow:4px 4px  
4px 4px #FDEA20; box-shadow:4px 4px 4px  
4px #FDEA20 }
```

Background

The CSS property to change the background color of an element to Hex FDEA20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDEA20 }
```

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

```
.background{ background-color:#FDEA20 }
```

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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