

Converting Colors

Hex(46E592)

Have a look what the booklet for
Hex(46E592) contains.

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Color

Hex(46E592)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 46E592 |
| RGB | 70, 229, 146 |
| RGB Percent | 27%, 90%, 57% |
| CMY | 0.7255, 0.1020, 0.4275 |
| CMYK | 0.69, 0.00, 0.36, 0.10 |
| HSL | 149°, 75%, 59% |
| HSV | 149°, 69%, 90% |
| XYZ | 35.7334, 59.4160, 36.7792 |
| YIQ | 171.9970, -68.1210, -59.5210 |

Conversions

Conversions Part 2

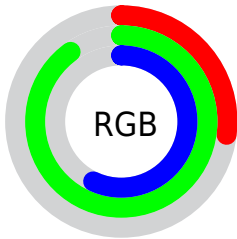
| Format | Color |
|-------------------------------------|--|
| RYB | 70, 178, 229 |
| Decimal | 4646290 |
| CIELab | 81.52, -59.48, 28.85 |
| CIELCh | 82, 66.104, 154.123 |
| Yxy | 59.4160, 0.2709, 0.4504 |
| Android (android.graphics.Color) | 4282836370 (0xFF46E592) |
| YUV | 171.9970, -12.8165, -89.4514 |
| Hunter-Lab | 77.0818, -52.1445, 25.6673 |

Details

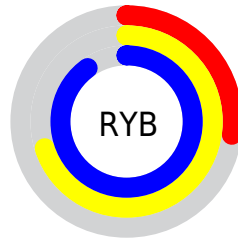
The Hex color **46E592** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E54699**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **88FFC8**, and **00AC5F** is the 20% darker color. If you saturate the color by 10%, you get **2FE586**, and if you desaturate by 10%, it is **5DE59E**.

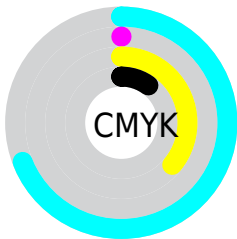
Distribution



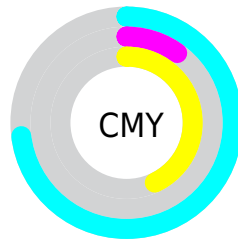
- Red (27%)
- Green (90%)
- Blue (57%)



- Red (27%)
- Yellow (70%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (36%)
- Black (10%)



- Cyan (73%)
- Magenta (10%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46E592 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 46E592 by changing the saturation by 10% instead.

 46E592

 46E592

FFFFFF

 14C878

 88FFC8

 00AC5F

 A7FFE5

 009146

 C6FFFF

 00762F

 E4FFFF

 005C17

 004300

 002C00

 000A00

 000000

 46E592

 46E592

 2FE586

 5DE59E

 18E57A

 74E5AA

 01E56E

 8BE5B6

 00E56D

 A2E5C2

 B9E5CE

 CFE5DA

 E6E5E6

 FDE5F2

 FFE5FE

Harmonies

Analogous

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



A5DB5E



46E592



00E9D2

Triad

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



46E592



5DCFFF



FF9D88

Complementary

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



46E592



E54699

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.



FF93C4



46E592



D9B7FF

Square

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



46E592



00DFFF



FF9EFF



FFB45A

Rectangle

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



46E592



00E9FB



FF9EFF



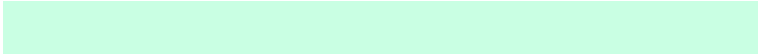
FF989C

Sweetspot

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



46E592



C9FFE3



9BE546



60806F



000000



808080

Same Dimension

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



46E592



2BFF91



46E5E0



67736D



00B355



003318

Inverse Universe

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



E54699



FF2B9A



E5464B



73676D



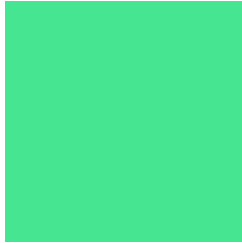
B3005D



33001B

Previews

White Background



This preview shows how the Hex color 46E592 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 46E592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

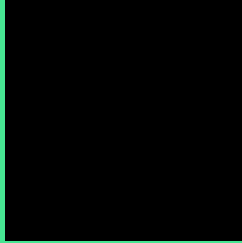
Any Text WCAG AA ✓ Pass

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 46E592 Background



This preview shows how black text looks on a background with the Hex color 46E592.

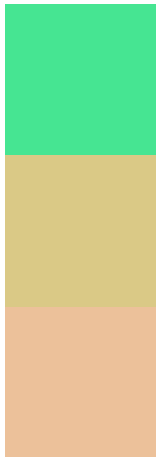


This preview shows how white text looks on a background with the Hex color 46E592.

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](#).

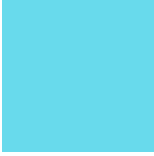
Dichromacy



Original Color
46E592

Protanopia
DAC986

Deuteranopia
ECC19A



Tritanopia
68DAEC

Trichromacy



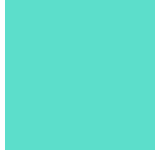
Original Color
46E592



Protanomaly
A4D38A



Deuteranomaly
B0CE97

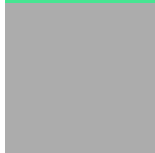


Tritanomaly
5CDECB

Monochromacy



Original Color
46E592



Achromatopsia
ACACAC



Achromatomaly
87C1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 46E592 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 #46E592 looks like.

```
.text, #text, p{  
    color:#46E592  
}
```

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 #46E592 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46E592
}
```

Border

The CSS property to change the border of an element to Hex 46E592 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
#46E592 }
```

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

```
.border{ border-color:#46E592 }
```

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

Here you see how a box with a 4 pixel #46E592 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46E592; -webkit-box-shadow:4px 4px  
4px 4px #46E592; box-shadow:4px 4px 4px  
4px #46E592 }
```

Background

The CSS property to change the background color of an element to Hex 46E592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46E592 }
```

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

```
.background{ background-color:#46E592 }
```

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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