

Converting Colors

Hex(46CBE5)

Have a look what the booklet for
Hex(46CBE5) contains.

Hex(46CBE5)	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(46CBE5)

Conversions

Conversions Part 1

Format	Color
Hex	46CBE5
RGB	70, 203, 229
RGB Percent	27%, 80%, 90%
CMY	0.7255, 0.2039, 0.1020
CMYK	0.69, 0.11, 0.00, 0.10
HSL	190°, 75%, 59%
HSV	190°, 69%, 90%
XYZ	38.0246, 49.6711, 81.7121
YIQ	166.1970, -87.6140, -20.1100

Conversions

Conversions Part 2

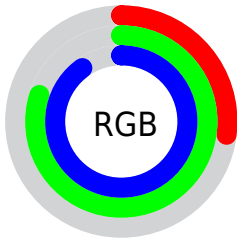
Format	Color
R _Y B	70, 142, 229
Decimal	4639717
CIE Lab	75.87, -27.56, -23.36
CIE LCh	76, 36.124, 220.286
Yxy	49.6711, 0.2245, 0.2932
Android (android.graphics.Color)	4282829797 (0xFF46CBE5)
YUV	166.1970, 30.9619, -84.3648
Hunter-Lab	70.4777, -27.0306, -19.4066

Details

The Hex color **46CBE5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **E56046**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **89FFFF**, and **0095AD** is the 20% darker color. If you saturate the color by 10%, you get **2FC7E5**, and if you desaturate by 10%, it is **5DCFE5**.

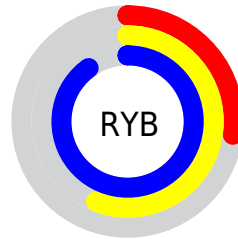
Distribution



Red (27%)

Green (80%)

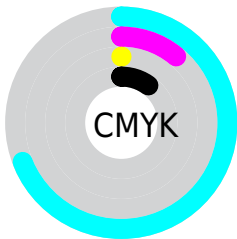
Blue (90%)



Red (27%)

Yellow (56%)

Blue (90%)

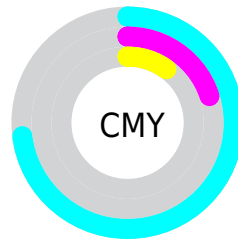


Cyan (69%)

Magenta (11%)

Yellow (0%)

Black (10%)



Cyan (73%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46CBE5 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 46CBE5 by changing the saturation by 10% instead.

 46CBE5

 46CBE5

FFFFFF

 12AFC9

 89FFFF

 0095AD

 A8FFFF

 007A93

 C7FFFF

 006179

 E6FFFF

 004960

 003248

 001F32

 00021D

 000000

 46CBE5

 46CBE5

 2FC7E5

 5DCFE5

 18C4E5

 74D2E5

 01C0E5

 8BD6E5

 00C0E5

 A2DAE5

 B9DEE5

 CFE1E5

 E6E5E5

 FDE9E5

 FFEDE5

Harmonies

Analogous

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



53CDC6



46CBE5



6BC5F9

Triad

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



46CBE5



EEA5D2



C6BD79

Complementary

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



46CBE5



E56046

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.



E5B17D



46CBE5



FDA2B1

Square

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



46CBE5



CEAEEE



F8A791



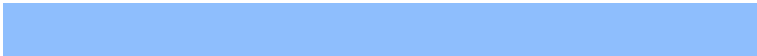
A2C687

Rectangle

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



46CBE5



8EBEFD



F8A791



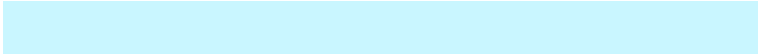
D1B978

Sweetspot

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



46CBE5



C9F6FF



46E55E



607A80



000000



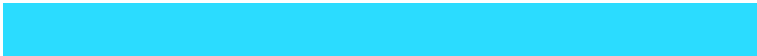
808080

Same Dimension

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



46CBE5



2BDCFF



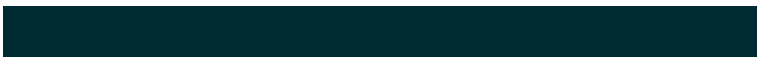
467EE5



677173



0095B3



002B33

Inverse Universe

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



E546CB



FF2BDC



E5AD46



736771



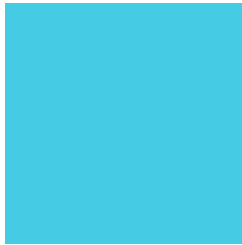
B30095



33002B

Previews

White Background



This preview shows how the Hex color 46CBE5 looks on a white background.

Color Contrast Check

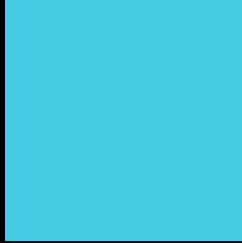
Large Text (above 18pt) WCAG AA × Fail

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 46CBE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

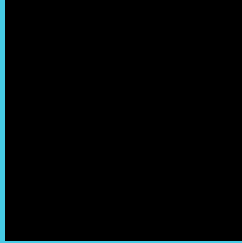
Any Text WCAG AA ✓ Pass

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 46CBE5 Background



This preview shows how black text looks on a background with the Hex color 46CBE5.

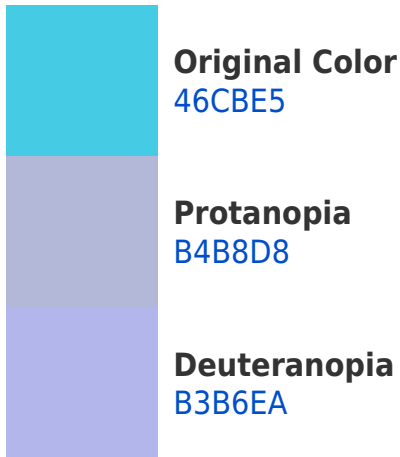


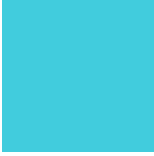
This preview shows how white text looks on a background with the Hex color 46CBE5.

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](#).

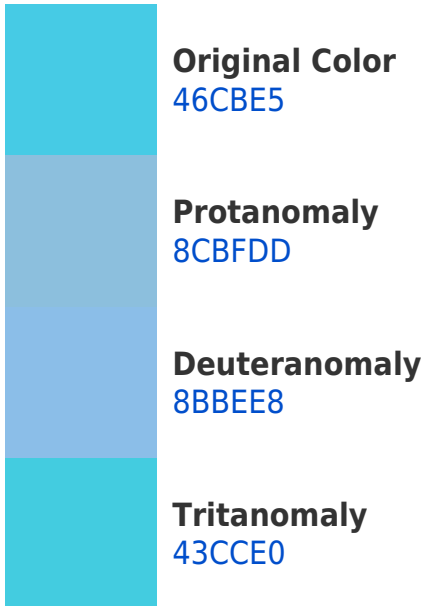
Dichromacy





Tritanopia
41CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46CBE5 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 #46CBE5 looks like.

```
.text, #text, p{  
    color:#46CBE5  
}
```

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 #46CBE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46CBE5
}
```

Border

The CSS property to change the border of an element to Hex 46CBE5 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
#46CBE5 }
```

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

```
.border{ border-color:#46CBE5 }
```

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

Here you see how a box with a 4 pixel #46CBE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46CBE5; -webkit-box-shadow:4px 4px  
4px 4px #46CBE5; box-shadow:4px 4px 4px  
4px #46CBE5 }
```

Background

The CSS property to change the background color of an element to Hex 46CBE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46CBE5 }
```

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

```
.background{ background-color:#46CBE5 }
```

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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