

Converting Colors

Hex(23E6E5)

Have a look what the booklet for
Hex(23E6E5) contains.

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Color

Hex(23E6E5)

Conversions

Conversions Part 1

Format	Color
Hex	23E6E5
RGB	35, 230, 229
RGB Percent	14%, 90%, 90%
CMY	0.8627, 0.0980, 0.1020
CMYK	0.85, 0.00, 0.00, 0.10
HSL	180°, 80%, 52%
HSV	180°, 85%, 90%
XYZ	43.1328, 62.6081, 83.9400
YIQ	171.5810, -115.8990, -41.6510

Conversions

Conversions Part 2

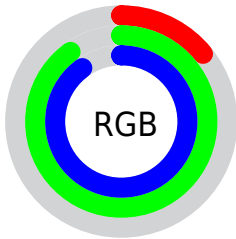
Format	Color
RYB	35, 133, 230
Decimal	2352869
CIELab	83.24, -43.51, -12.29
CIELCh	83, 45.211, 195.773
Yxy	62.6081, 0.2274, 0.3301
Android (android.graphics.Color)	4280542949 (0xFF23E6E5)
YUV	171.5810, 28.3076, -119.7815
Hunter-Lab	79.1253, -41.1652, -7.5100

Details

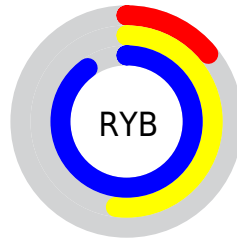
The Hex color **23E6E5** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **E62324**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7AFFFF**, and **00AEAE** is the 20% darker color. If you saturate the color by 10%, you get **0CE6E5**, and if you desaturate by 10%, it is **3AE6E5**.

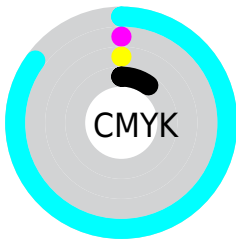
Distribution



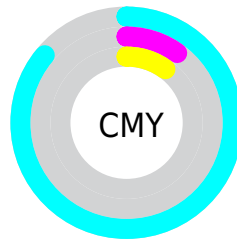
- Red (14%)
- Green (90%)
- Blue (90%)



- Red (14%)
- Yellow (52%)
- Blue (90%)



- Cyan (85%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (86%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23E6E5 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 23E6E5 by changing the saturation by 10% instead.

 23E6E5

 23E6E5


FFFFFF

 00CAC9

 7AFFFF

 00AEAE

 9BFFFF

 009393

 BCFFFF


 007879

 DCFFFF

 005F61

 FBFFFF

 004649

 002F32

 00151E

 000002

■ 23E6E5

■ 23E6E5

■ 0CE6E5

■ 3AE6E5

■ 00E6E5

■ 51E6E5

■ 68E6E5

■ 7FE6E5

■ 96E6E6

■ ADE6E6

■ C4E6E6

■ DBE6E6

■ F2E6E6

Harmonies

Analogous

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



6DE5B9



23E6E5



00E2FF

Triad

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



23E6E5



F0BCFF



FDC67D

Complementary

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



23E6E5



E62324

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.



FFB794



23E6E5



FFB0E5

Square

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



23E6E5



B6CCFF



FFAFBA



D5D47C

Rectangle

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



23E6E5



4EDDFF



FFAFBA



FFC182

Sweetspot

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



23E6E5



BFFFFFF



26E623



59807F



000000



808080

Same Dimension

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



23E6E5



00FFFE



2388E6



677373



00B3B2



003333

Inverse Universe

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



E62324



FF0001



E68123



736767



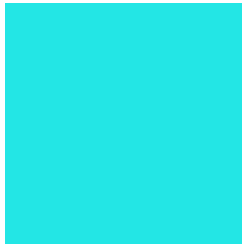
B30001



330000

Previews

White Background



This preview shows how the Hex color 23E6E5 looks on a white background.

Color Contrast Check

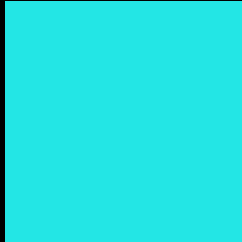
Large Text (above 18pt) WCAG AA × Fail

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 23E6E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

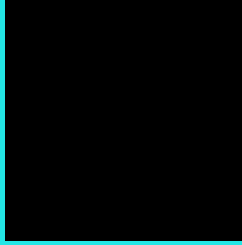
Any Text WCAG AA ✓ Pass

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 23E6E5 Background



This preview shows how black text looks on a background with the Hex color 23E6E5.

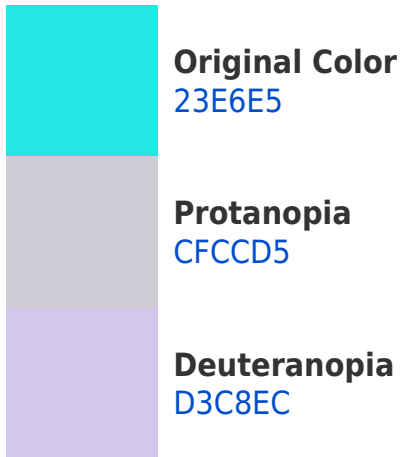


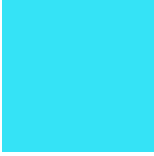
This preview shows how white text looks on a background with the Hex color 23E6E5.

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
35E3F6

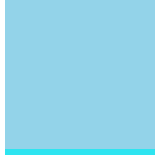
Trichromacy



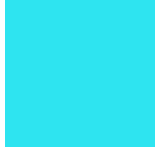
Original Color
23E6E5



Protanomaly
90D5DB



Deuteranomaly
93D3E9

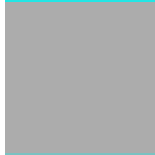


Tritanomaly
2EE4F0

Monochromacy



Original Color
23E6E5



Achromatopsia
ACACAC



Achromatomaly
7AC1C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 23E6E5 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 #23E6E5 looks like.

```
.text, #text, p{  
    color:#23E6E5  
}
```

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 #23E6E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23E6E5
}
```

Border

The CSS property to change the border of an element to Hex 23E6E5 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
#23E6E5 }
```

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

```
.border{ border-color:#23E6E5 }
```

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

Here you see how a box with a 4 pixel #23E6E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23E6E5; -webkit-box-shadow:4px 4px  
4px 4px #23E6E5; box-shadow:4px 4px 4px  
4px #23E6E5 }
```

Background

The CSS property to change the background color of an element to Hex 23E6E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23E6E5 }
```

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

```
.background{ background-color:#23E6E5 }
```

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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