

Converting Colors

Hex(36D8E0)

Have a look what the booklet for
Hex(36D8E0) contains.

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Color

Hex(36D8E0)

Conversions

Conversions Part 1

Format	Color
Hex	36D8E0
RGB	54, 216, 224
RGB Percent	21%, 85%, 88%
CMY	0.7882, 0.1529, 0.1216
CMYK	0.76, 0.04, 0.00, 0.12
HSL	183°, 73%, 55%
HSV	183°, 76%, 88%
XYZ	39.5317, 55.2778, 79.1072
YIQ	168.4740, -99.1200, -31.8560

Conversions

Conversions Part 2

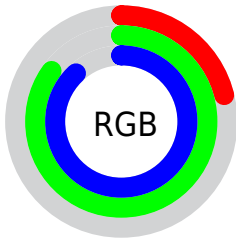
Format	Color
RYB	54, 137, 224
Decimal	3594464
CIELab	79.20, -37.12, -15.66
CIELCh	79, 40.289, 202.868
Yxy	55.2778, 0.2273, 0.3178
Android (android.graphics.Color)	4281784544 (0xFF36D8E0)
YUV	168.4740, 27.3743, -100.3937
Hunter-Lab	74.3491, -35.2016, -11.0400

Details

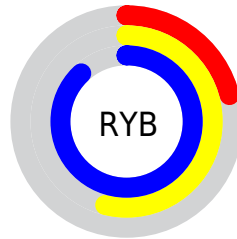
The Hex color **36D8E0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E03E36**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **80FFFF**, and **00A1A9** is the 20% darker color. If you saturate the color by 10%, you get **20D7E0**, and if you desaturate by 10%, it is **4CD9E0**.

Distribution



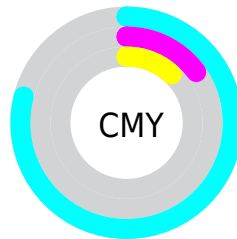
- Red (21%)
- Green (85%)
- Blue (88%)



- Red (21%)
- Yellow (54%)
- Blue (88%)



- Cyan (76%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (79%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36D8E0 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 36D8E0 by changing the saturation by 10% instead.

 36D8E0

 36D8E0

FFFFFF

 00BCC4

 80FFFF

 00A1A9

 A0FFFF

 00868E

 C0FFFF

 006C75

 DFFFFF

 00535C

FEFFFF

 003B45

 00262E

 00011A

 000000

 36D8E0

 36D8E0

 20D7E0

 4CD9E0

 09D6E0

 63DAE0

 00D5E0

 79DBE0

 90DCE0

 A6DDE0

 BCDEE0

 D3DFE0

 E9E0E0

 FFE1E0

Harmonies

Analogous

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



64D8BA



36D8E0



42D4FF

Triad

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



36D8E0



EBB0F2



E5BF7A

Complementary

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



36D8E0



E03E36

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.



FFB28A



36D8E0



FFA8CF

Square

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



36D8E0



BCBEFF



FFA9A9



C0CB7E

Rectangle

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



36D8E0



6ACEFF



FFA9A9



F0BA7D

Sweetspot

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



36D8E0



C4FCFF



36E03C



5C7E80



000000



808080

Same Dimension

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



36D8E0



17F4FF



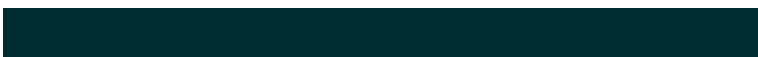
3685E0



657070



00A8B0



002E30

Inverse Universe

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



E036D8



FF17F4



E09136



706570



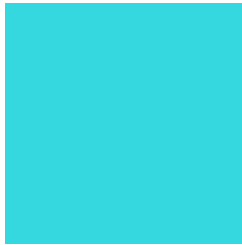
B000A8



30002E

Previews

White Background



This preview shows how the Hex color 36D8E0 looks on a white background.

Color Contrast Check

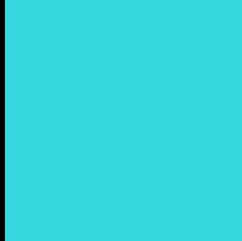
Large Text (above 18pt) WCAG AA × Fail

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 36D8E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

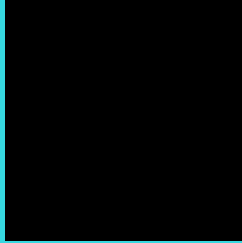
Any Text WCAG AA ✓ Pass

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 36D8E0 Background



This preview shows how black text looks on a background with the Hex color 36D8E0.

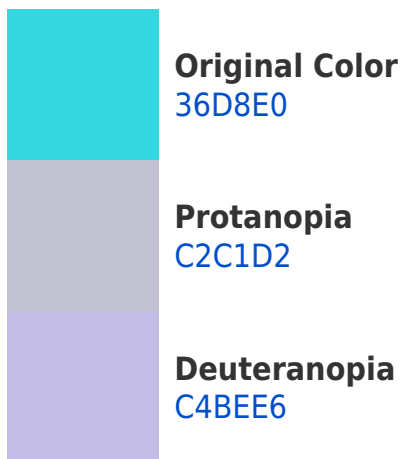


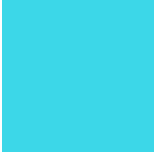
This preview shows how white text looks on a background with the Hex color 36D8E0.

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
3CD7E8

Trichromacy



Original Color
36D8E0



Protanomaly
8FC9D7



Deuteranomaly
90C7E4

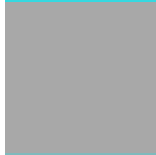


Tritanomaly
3AD7E5

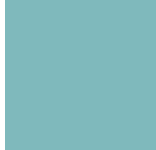
Monochromacy



Original Color
36D8E0



Achromatopsia
A8A8A8



Achromatomaly
7FB9BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 36D8E0 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 #36D8E0 looks like.

```
.text, #text, p{  
    color:#36D8E0  
}
```

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 #36D8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D8E0
}
```

Border

The CSS property to change the border of an element to Hex 36D8E0 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
#36D8E0 }
```

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

```
.border{ border-color:#36D8E0 }
```

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

Here you see how a box with a 4 pixel #36D8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D8E0; -webkit-box-shadow:4px 4px  
4px 4px #36D8E0; box-shadow:4px 4px 4px  
4px #36D8E0 }
```

Background

The CSS property to change the background color of an element to Hex 36D8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D8E0 }
```

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

```
.background{ background-color:#36D8E0 }
```

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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