

Converting Colors

Hex(15B2E6)

Have a look what the booklet for
Hex(15B2E6) contains.

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Color

Hex(15B2E6)

Conversions

Conversions Part 1

Format	Color
Hex	15B2E6
RGB	21, 178, 230
RGB Percent	8%, 70%, 90%
CMY	0.9176, 0.3020, 0.0980
CMYK	0.91, 0.23, 0.00, 0.10
HSL	195°, 83%, 49%
HSV	195°, 91%, 90%
XYZ	30.5126, 37.7134, 80.5341
YIQ	136.9850, -110.2640, -17.1120

Conversions

Conversions Part 2

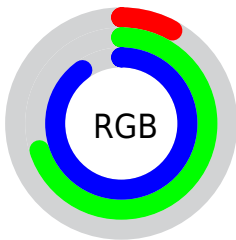
Format	Color
R _Y B	21, 111, 230
Decimal	1422054
CIE Lab	67.81, -18.88, -36.37
CIE LCh	68, 40.984, 242.562
Yxy	37.7134, 0.2051, 0.2535
Android (android.graphics.Color)	4279612134 (0xFF15B2E6)
YUV	136.9850, 45.8564, -101.7188
Hunter-Lab	61.4112, -18.7807, -34.7645

Details

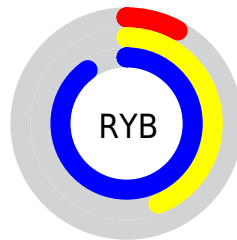
The Hex color **15B2E6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E64915**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6FEAFF**, and **007DAE** is the 20% darker color. If you saturate the color by 10%, you get **00ADE6**, and if you desaturate by 10%, it is **2CB8E6**.

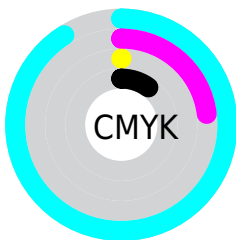
Distribution



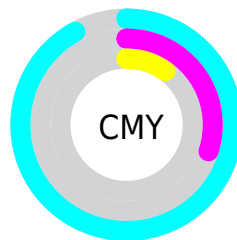
- Red (8%)
- Green (70%)
- Blue (90%)



- Red (8%)
- Yellow (44%)
- Blue (90%)



- Cyan (91%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (92%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B2E6 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 15B2E6 by changing the saturation by 10% instead.

15B2E6

15B2E6

FFFFFF

0097CA

6FEAFF

007DAE

90FFFF

006493

B0FFFF

004C79

CFFFFFF

003560

EFFFFFF

002148

000432

00011C

000000

■ 15B2E6

■ 15B2E6

■ 00ADE6

■ 2CB8E6

■ 43BDE6

■ 5AC3E6

■ 71C9E6

■ 88CFE6

■ 9FD4E6

■ B6DAE6

■ CDE0E6

■ E4E6E6

Harmonies

Analogous

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



00B8CC



15B2E6



72A8EF

Triad

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



15B2E6



EA88A3



93AF65

Complementary

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



15B2E6



E64915

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.



BAA45A



15B2E6



EA8C7F

Square

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



15B2E6



D68EC8



D89764



65B682

Rectangle

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



15B2E6



9B9FE9



D89764



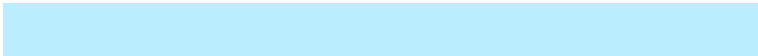
A1AC5F

Sweetspot

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



15B2E6



BAE6FF



15E646



577580



000000



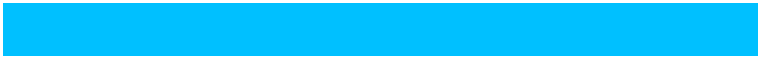
808080

Same Dimension

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



15B2E6



00C0FF



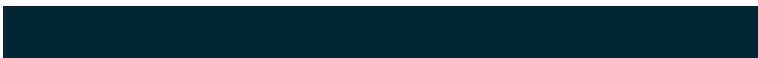
154DE6



677073



0086B3



002633

Inverse Universe

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



E615B2



FF00C0



E6AE15



736770



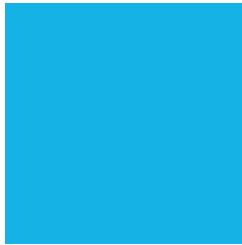
B30086



330026

Previews

White Background



This preview shows how the Hex color 15B2E6 looks on a white background.

Color Contrast Check

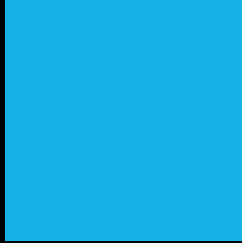
Large Text (above 18pt) WCAG AA × Fail

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 15B2E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

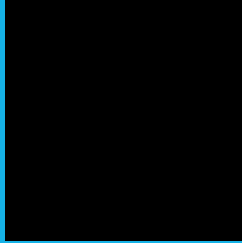
Any Text WCAG AA ✓ Pass

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 15B2E6 Background



This preview shows how black text looks on a background with the Hex color 15B2E6.

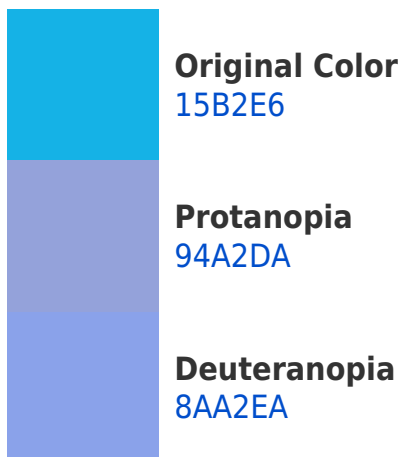


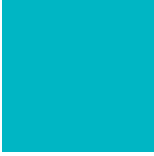
This preview shows how white text looks on a background with the Hex color 15B2E6.

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](#).

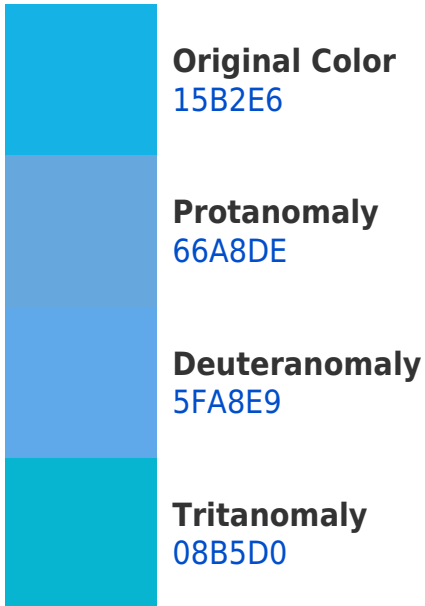
Dichromacy



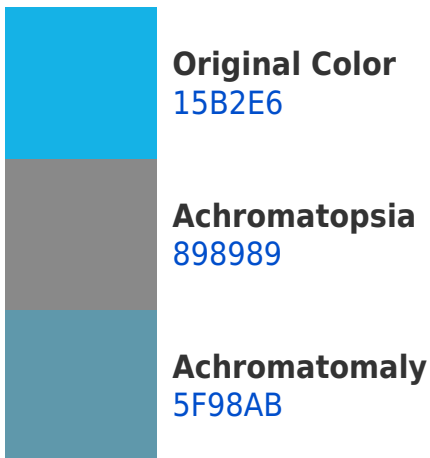


Tritanopia
00B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15B2E6 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 #15B2E6 looks like.

```
.text, #text, p{  
    color:#15B2E6  
}
```

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 #15B2E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B2E6
}
```

Border

The CSS property to change the border of an element to Hex 15B2E6 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
#15B2E6 }
```

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

```
.border{ border-color:#15B2E6 }
```

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

Here you see how a box with a 4 pixel #15B2E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B2E6; -webkit-box-shadow:4px 4px  
4px 4px #15B2E6; box-shadow:4px 4px 4px  
4px #15B2E6 }
```

Background

The CSS property to change the background color of an element to Hex 15B2E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B2E6 }
```

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

```
.background{ background-color:#15B2E6 }
```

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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