

# Converting Colors

Hex(15A0D5)

Have a look what the booklet for  
Hex(15A0D5) contains.

<b>Hex(15A0D5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(15A0D5)

# Conversions

## Conversions Part 1

Format	Color
Hex	15A0D5
RGB	21, 160, 213
RGB Percent	8%, 63%, 84%
CMY	0.9176, 0.3725, 0.1647
CMYK	0.90, 0.25, 0.00, 0.16
HSL	197°, 82%, 46%
HSV	197°, 90%, 84%
XYZ	24.8903, 30.1051, 67.4498
YIQ	124.4810, -99.8570, -12.9850

# Conversions

## Conversions Part 2

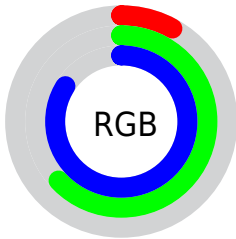
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 102, 213
Decimal	1417429
CIE <sub>Lab</sub>	61.74, -15.22, -36.45
CIE <sub>LCh</sub>	62, 39.498, 247.340
Yxy	30.1051, 0.2033, 0.2459
Android (android.graphics.Color)	4279607509 (0xFF15A0D5)
YUV	124.4810, 43.6399, -90.7528
Hunter-Lab	54.8681, -15.0448, -34.4779

# Details

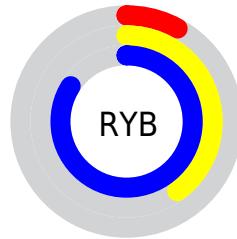
The Hex color **15A0D5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D54A15**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6BD7FF**, and **006D9E** is the 20% darker color. If you saturate the color by 10%, you get **009AD5**, and if you desaturate by 10%, it is **2AA6D5**.

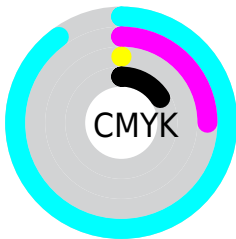
# Distribution



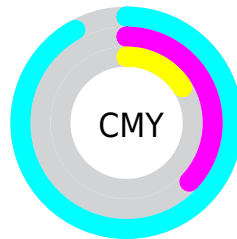
- Red (8%)
- Green (63%)
- Blue (84%)



- Red (8%)
- Yellow (40%)
- Blue (84%)



- Cyan (90%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (37%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15A0D5 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 15A0D5 by changing the saturation by 10% instead.



■ 15A0D5

■ 15A0D5

FFFFFF

■ 0086B9

■ 6BD7FF

■ 006D9E

■ 8BF3FF

■ 005484

■ AAFFFF

■ 003D6A

■ C9FFFF

■ 002752

■ E7FFFF

■ 00103A

■ 000224

■ 00000C

■ 000000

■ 15A0D5

■ 15A0D5

■ 009AD5

■ 2AA6D5

■ 40ACD5

■ 55B2D5

■ 6AB8D5

■ 80BDD5

■ 95C3D5

■ AAC9D5

■ BFCFD5

■ D5D5D5

# Harmonies

## Analogous

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



00A6BE



15A0D5



6D96DA

# Triad

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



15A0D5



D8798E



7D9F5C

# Complementary

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



15A0D5



D54A15

# 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.



A3964E



15A0D5



D47E6C

# Square

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



15A0D5



C87DB1



C18A55



50A579

# Rectangle

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



15A0D5



948DD3



C18A55



8A9D55

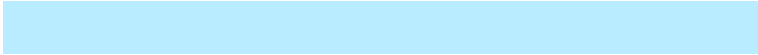


# Sweetspot

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



15A0D5



BAECFF



15D548



577480



000000



808080

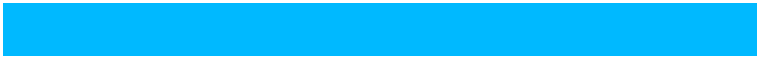


# Same Dimension

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



15A0D5



00B9FF



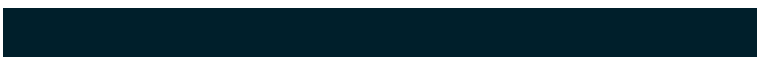
1542D5



60686B



007CAB



001F2B



# Inverse Universe

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



D515A0



FF00B9



D5A815



6B6068



AB007C



2B001F



# Previews

## White Background



This preview shows how the Hex color 15A0D5 looks on a white background.

## Color Contrast Check

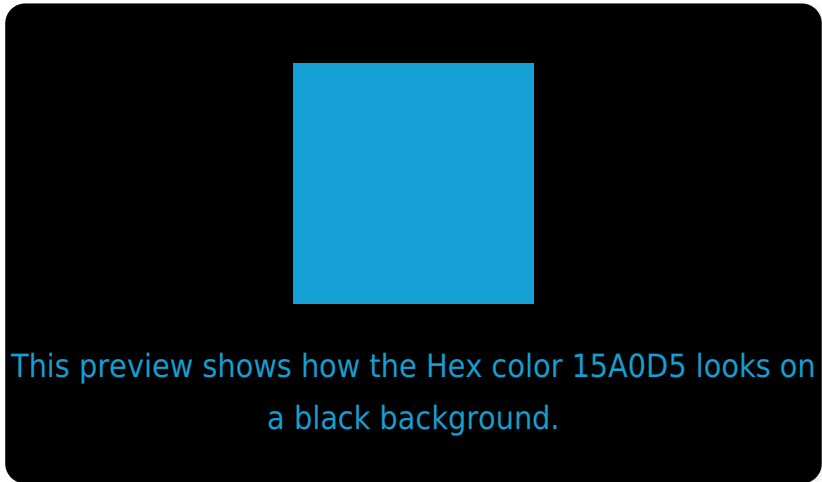
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

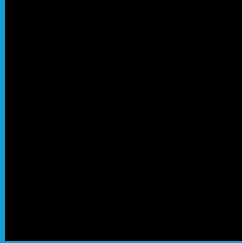
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15A0D5 Background



This preview shows how black text looks on a background with the Hex color 15A0D5.

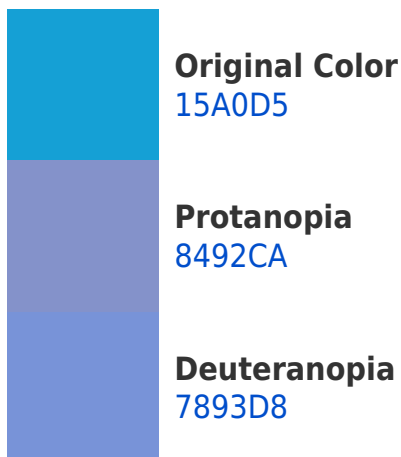


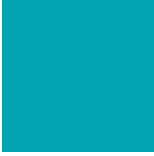
This preview shows how white text looks on a background with the Hex color 15A0D5.

# 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**  
00A5B1

# Trichromacy



**Original Color**  
15A0D5

**Protanomaly**  
5C97CE

**Deuteranomaly**  
5498D7

**Tritanomaly**  
08A3BE

# Monochromacy



**Original Color**  
15A0D5

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
57899C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15A0D5 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 #15A0D5 looks like.

```
.text, #text, p{  
    color:#15A0D5  
}
```

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 #15A0D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A0D5
}
```

## Border

The CSS property to change the border of an element to Hex 15A0D5 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
#15A0D5 }
```

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

```
.border{ border-color:#15A0D5 }
```

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

Here you see how a box with a 4 pixel #15A0D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A0D5; -webkit-box-shadow:4px 4px  
4px 4px #15A0D5; box-shadow:4px 4px 4px  
4px #15A0D5 }
```

# Background

The CSS property to change the background color of an element to Hex 15A0D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A0D5 }
```

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

```
.background{ background-color:#15A0D5 }
```

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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