

Converting Colors

Hex(1667D5)

Have a look what the booklet for
Hex(1667D5) contains.

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Color

Hex(1667D5)

Conversions

Conversions Part 1

Format	Color
Hex	1667D5
RGB	22, 103, 213
RGB Percent	9%, 40%, 84%
CMY	0.9137, 0.5961, 0.1647
CMYK	0.90, 0.52, 0.00, 0.16
HSL	215°, 81%, 46%
HSV	215°, 90%, 84%
XYZ	17.1914, 14.6752, 64.8773
YIQ	91.3210, -83.5860, 17.0380

Conversions

Conversions Part 2

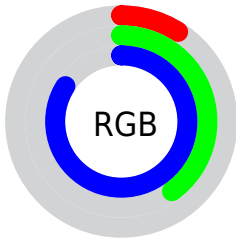
Format	Color
R _Y B	22, 79, 213
Decimal	1468373
CIE Lab	45.19, 19.03, -62.80
CIE LCh	45, 65.624, 286.860
Yxy	14.6752, 0.1777, 0.1517
Android (android.graphics.Color)	4279658453 (0xFF1667D5)
YUV	91.3210, 59.9877, -60.7945
Hunter-Lab	38.3082, 13.0652, -73.5956

Details

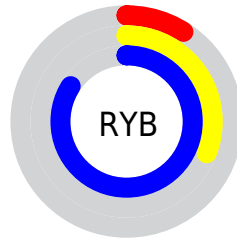
The Hex color **1667D5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D58416**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6A99FF**, and **00399D** is the 20% darker color. If you saturate the color by 10%, you get **015BD5**, and if you desaturate by 10%, it is **2B73D5**.

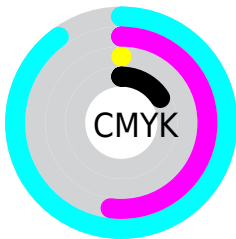
Distribution



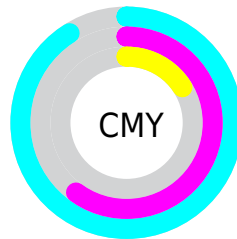
- Red (9%)
- Green (40%)
- Blue (84%)



- Red (9%)
- Yellow (31%)
- Blue (84%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1667D5 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 1667D5 by changing the saturation by 10% instead.

■ 1667D5

■ 1667D5

FFFFFF

■ 0050B9

■ 6A99FF

■ 00399D

■ 8AB4FF

■ 002583

■ A9CFFF

■ 001369

■ C8EBFF

■ 000A50

■ E7FFFF

■ 000538

■ 000221

■ 000007

■ 000000

■ 1667D5

■ 1667D5

■ 015BD5

■ 2B73D5

■ 005AD5

■ 4180D5

■ 568CD5

■ 6B98D5

■ 81A4D5

■ 96B1D5

■ ABBDD5

■ C0C9D5

■ D6D5D5

Harmonies

Analogous

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



0078D6



1667D5



924CB7

Triad

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



1667D5



B94519



008150

Complementary

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



1667D5



D58416

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.



147C13



1667D5



956000

Square

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



1667D5



CA294F



657200



008389

Rectangle

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



1667D5



B53697



657200



00803D

Sweetspot

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



1667D5



BAD7FF



16D582



576880



000000



808080

Same Dimension

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



1667D5



006CFF



2316D5



60656B



0048AB



00122B

Inverse Universe

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



D51667



FF006C



C8D516



6B6065



AB0048



2B0012

Previews

White Background



This preview shows how the Hex color 1667D5 looks on a white background.

Color Contrast Check

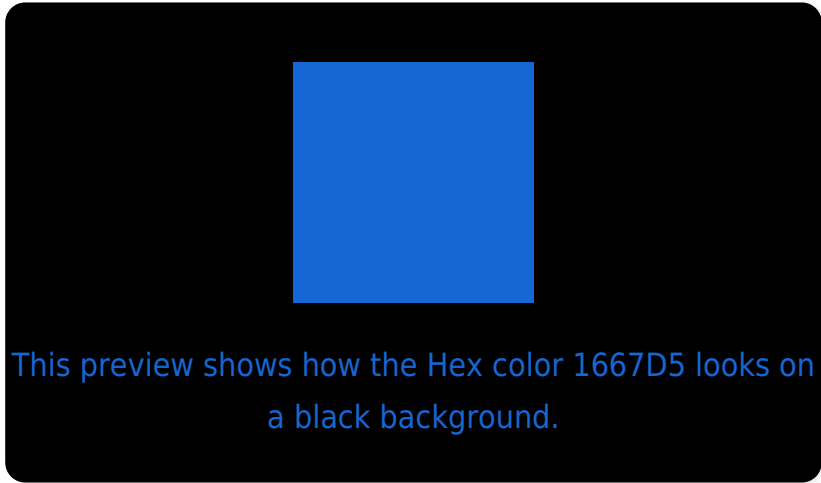
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

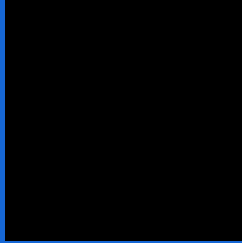
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1667D5 Background



This preview shows how black text looks on a background with the Hex color 1667D5.



This preview shows how white text looks on a background with the Hex color 1667D5.

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



Original Color
1667D5

Protanopia
2067D4

Deuteranopia
006DBD



Tritanopia
00767E

Trichromacy



Original Color
1667D5

Protanomaly
1C67D4

Deuteranomaly
086BC6

Tritanomaly
08719E

Monochromacy



Original Color
1667D5

Achromatopsia
5B5B5B

Achromatomaly
425F87

CSS Examples

Text

The CSS property to change the color of the text to Hex 1667D5 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 #1667D5 looks like.

```
.text, #text, p{  
    color:#1667D5  
}
```

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 #1667D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1667D5
}
```

Border

The CSS property to change the border of an element to Hex 1667D5 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
#1667D5 }
```

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

```
.border{ border-color:#1667D5 }
```

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

Here you see how a box with a 4 pixel #1667D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1667D5; -webkit-box-shadow:4px 4px  
4px 4px #1667D5; box-shadow:4px 4px 4px  
4px #1667D5 }
```

Background

The CSS property to change the background color of an element to Hex 1667D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1667D5 }
```

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

```
.background{ background-color:#1667D5 }
```

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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