

Converting Colors

Hex(1374D5)

Have a look what the booklet for
Hex(1374D5) contains.

Hex(1374D5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1374D5)

Conversions

Conversions Part 1

Format	Color
Hex	1374D5
RGB	19, 116, 213
RGB Percent	7%, 45%, 84%
CMY	0.9255, 0.5451, 0.1647
CMYK	0.91, 0.46, 0.00, 0.16
HSL	210°, 84%, 45%
HSV	210°, 91%, 84%
XYZ	18.5242, 17.4333, 65.3394
YIQ	98.0550, -88.9490, 9.6030

Conversions

Conversions Part 2

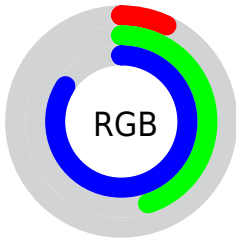
Format	Color
R_{YB}	19, 84, 213
Decimal	1275093
CIE _{Lab}	48.80, 10.58, -56.97
CIE _{LCh}	49, 57.942, 280.517
Yxy	17.4333, 0.1829, 0.1721
Android (android.graphics.Color)	4279465173 (0xFF1374D5)
YUV	98.0550, 56.6679, -69.3312
Hunter-Lab	41.7532, 6.1249, -63.5554

Details

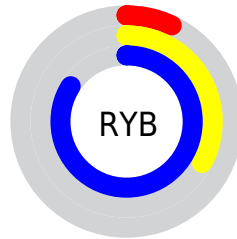
The Hex color **1374D5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D57413**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **69A7FF**, and **00459E** is the 20% darker color. If you saturate the color by 10%, you get **006BD5**, and if you desaturate by 10%, it is **287FD5**.

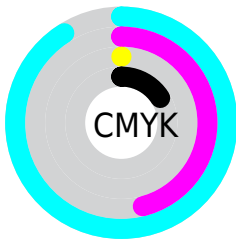
Distribution



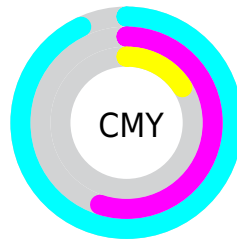
- Red (7%)
- Green (45%)
- Blue (84%)



- Red (7%)
- Yellow (33%)
- Blue (84%)



- Cyan (91%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (93%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1374D5 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 1374D5 by changing the saturation by 10% instead.

■ 1374D5

■ 1374D5

FFFFFF

■ 005CB9

■ 69A7FF

■ 00459E

■ 89C2FF

■ 003083

■ A8DEFF

■ 001D69

■ C6FBFF

■ 000650

■ E5FFFF

■ 000538

■ 000222

■ 000008

■ 000000

■ 1374D5

■ 1374D5

■ 006BD5

■ 287FD5

■ 3E89D5

■ 5394D5

■ 689FD5

■ 7EA9D5

■ 93B4D5

■ A8BFD5

■ BDC9D5

■ D3D4D5

Harmonies

Analogous

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



0082D0



1374D5



8B5FBF

Triad

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



1374D5



C25036



008851

Complementary

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



1374D5



D57413

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.



458221



1374D5



A56608

Square

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



1374D5



CB4165



7B7700



008B84

Rectangle

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



1374D5



AF4FA5



7B7700



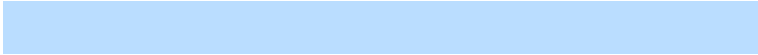
008741

Sweetspot

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



1374D5



BADDFE



13D574



576B80



000000



808080

Same Dimension

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



1374D5



0080FF



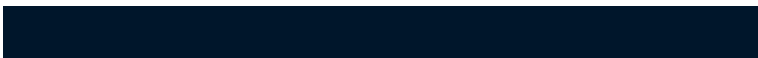
1313D5



60666B



0055AB



00162B

Inverse Universe

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



D51374



FF0080



D5D513



6B6066



AB0055



2B0016

Previews

White Background



This preview shows how the Hex color 1374D5 looks on a white background.

Color Contrast Check

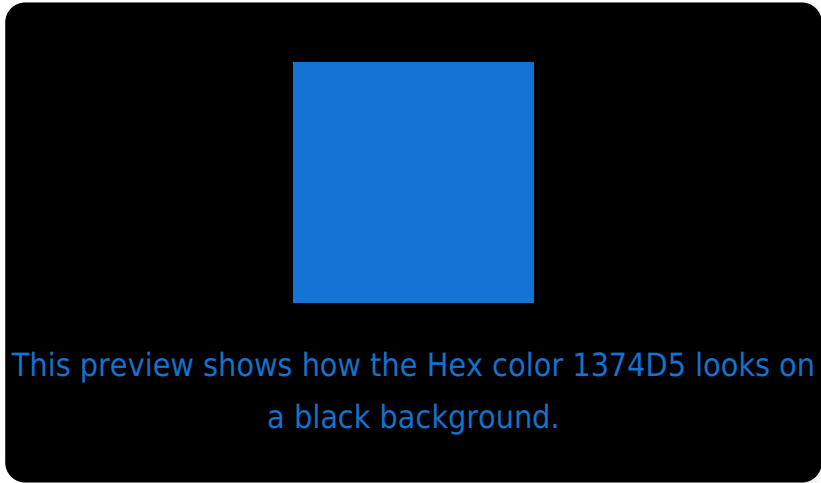
Large Text (above 18pt) WCAG AA ✓ Pass

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

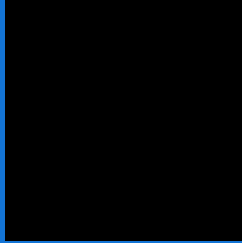
Any Text WCAG AA × Fail

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 1374D5 Background



This preview shows how black text looks on a background with the Hex color 1374D5.

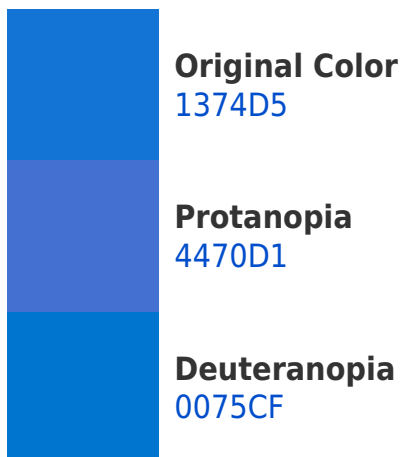


This preview shows how white text looks on a background with the Hex color 1374D5.

Color Blindness Simulation

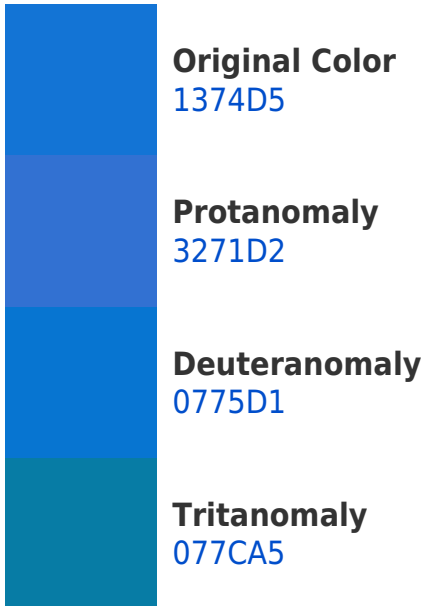
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

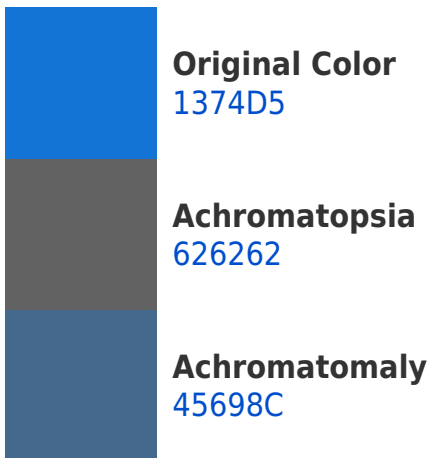




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1374D5 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 #1374D5 looks like.

```
.text, #text, p{  
    color:#1374D5  
}
```

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 #1374D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1374D5
}
```

Border

The CSS property to change the border of an element to Hex 1374D5 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
#1374D5 }
```

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

```
.border{ border-color:#1374D5 }
```

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

Here you see how a box with a 4 pixel #1374D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1374D5; -webkit-box-shadow:4px 4px  
4px 4px #1374D5; box-shadow:4px 4px 4px  
4px #1374D5 }
```

Background

The CSS property to change the background color of an element to Hex 1374D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1374D5 }
```

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

```
.background{ background-color:#1374D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor