

Converting Colors

HunterLab(31.8715, -3.8614,
-100.1453)

Have a look what the booklet for
HunterLab(31.8715, -3.8614,
-100.1453) contains.

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Color

**HunterLab(37.4441, 14.6693,
-78.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	0064D7
RGB	0, 100, 215
RGB Percent	0%, 39%, 84%
CMY	0.9998, 0.6078, 0.1569
CMYK	1.00, 0.53, 0.00, 0.16
HSL	212°, 100%, 42%
HSV	212°, 100%, 84%
XYZ	16.8229, 14.0206, 66.1095
YIQ	83.2100, -96.5150, 14.5650

Conversions

Conversions Part 2

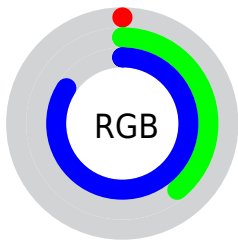
Format	Color
R_{YB}	0, 68, 215
Decimal	25815
CIE Lab	44.26, 20.98, -65.45
CIE LCh	44, 68.734, 287.773
Yxy	14.0210, 0.1735, 0.1446
Android (android.graphics.Color)	4278215895 (0xFF0064D7)
YUV	83.2100, 64.9725, -72.9752
Hunter-Lab	37.4441, 14.6693, -78.4687

Details

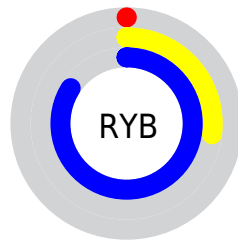
The HunterLab color **37.4441, 14.6693, -78.4687** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **51.6920, 27.5034, 32.3322**, and the grayscale version is **29.2893, -1.5628, 1.5913**.

A 20% lighter version of the original color is **56.4424, 10.1296, -64.4239**, and **22.8814, 19.4347, -70.5537** is the 20% darker color. If you saturate the color by 10%, you get **37.4370, 14.6844, -78.4925**, and if you desaturate by 10%, it is **40.6826, 9.2146, -68.4657**.

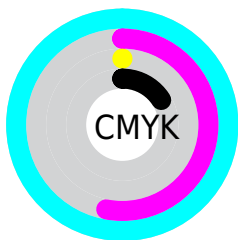
Distribution



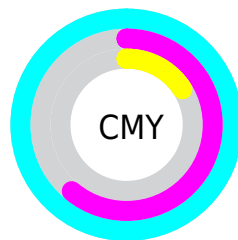
- Red (0%)
- Green (39%)
- Blue (84%)



- Red (0%)
- Yellow (27%)
- Blue (84%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (61%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4441, 14.6693, -78.4687 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 HunterLab color 37.4441, 14.6693, -78.4687 by changing the saturation by 10% instead.

■ 37.4441, 14.6693,
-78.4687

■ 37.4441, 14.6693,
-78.4687

147.4317, 17.2296,
-83.8729

■ 28.5223, 13.9409,
-79.6146

■ 57.5554, 15.7908,
-78.4580

■ 20.4490, 13.0731,
-82.5025

■ 68.6400, 16.2081,
-78.9858

■ 13.3254, 12.0459,
-89.2408

■ 80.3570, 16.5438,
-79.6796

■ 6.8698, 13.0891,
-114.0355

■ 92.6739, 16.8058,
-80.4678

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.5628, 17.0004,
-81.3057

0.0000, NaN, -NF

118.9993, 17.1330,

0.0000, NaN, -NF

-82.1643

0.0000, NaN, NaN

132.9620, 17.2081,
-83.0243

■ 37.4441, 14.6693,
-78.4687

■ 37.4441, 14.6693,
-78.4687

■ 37.4370, 14.6844,
-78.4925

■ 40.6826, 9.2146,
-68.4657

■ 44.2587, 4.6125,
-58.7721

■ 48.1725, 0.9664,
-49.4269

■ 52.3912, -1.7760,
-40.5038

■ 56.8811, -3.7041,
-32.0279

■ 61.6114, -4.9175,
-23.9894

■ 66.5549, -5.5125,
-16.3583

■ 71.6882, -5.5757,
-9.0952

■ 76.9915, -5.1823,
-2.1580

Harmonies

Analogous

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



37.4446, -12.0930, -81.6922



37.4441, 14.6693, -78.4687



37.4446, 43.1387, -46.6619

Triad

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



37.4446, 14.6709, -78.4677



37.4446, 38.2778, 23.0019



37.4446, -39.6396, 10.8412

Complementary

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



37.4441, 14.6693, -78.4687



51.6920, 27.5034, 32.3322

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.



37.4446, -32.5042, 22.0696



37.4441, 14.6693, -78.4687



37.4446, 9.2902, 25.1993

Square

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



37.4446, 14.6709, -78.4677



37.4446, 59.1417, 13.9240



37.4446, -16.1840, 25.0088



37.4446, -38.9391, -15.7617

Rectangle

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



37.4441, 14.6693, -78.4687



37.4446, 57.0524, -21.0289



37.4446, -16.1840, 25.0088



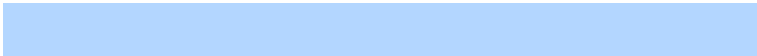
37.4446, -38.1820, 16.0230

Sweetspot

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



37.4446, 14.6709, -78.4677



80.5441, -6.6747, -20.1285



70.5919, -54.3074, 29.0030



36.0700, -2.9809, -11.1118

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4446, 14.6709, -78.4677



45.0687, 18.5450, -96.3652



22.2576, 60.1466, -156.4891



35.9875, -2.3971, -0.8289



29.3098, 10.6105, -59.5397



8.2636, 0.5605, -11.5388

Inverse Universe

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



39.2025, 69.4751, 7.1383



47.5201, 84.1608, 9.1476



78.7320, -23.8164, 48.0962



35.3779, 1.9707, 1.0409



30.3514, 53.8589, 5.0297



7.5648, 13.6300, -0.3448

Previews

White Background



This preview shows how the HunterLab color 37.4441, 14.6693, -78.4687 looks on a white background.

Color Contrast Check

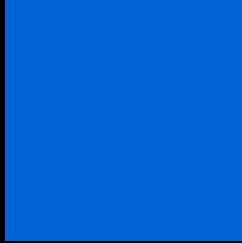
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.4441, 14.6693, -78.4687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

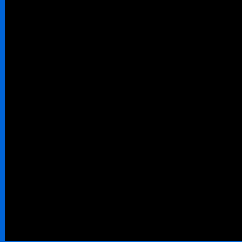
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

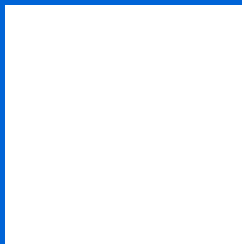
Any Text WCAG AAA × Fail

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

HunterLab 37.4441, 14.6693, -78.4687 Background



This preview shows how black text looks on a background with the HunterLab color 37.4441, 14.6693, -78.4687.



This preview shows how white text looks on a background with the HunterLab color 37.4441, 14.6693, -78.4687.

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

37.4441, 14.6693, -78.4687

Protanopia

37.3756, 14.3242, -77.6380

Deuteranopia

37.3846, 0.9902, -48.8650



Tritanopia

37.3106, -18.3106, -7.1077

Trichromacy



Original Color

37.4441, 14.6693, -78.4687

Protanomaly

37.3756, 14.3242, -77.6380

Deuteranomaly

37.2032, 5.9076, -59.2535

Tritanomaly

36.8133, -8.2902, -28.1171

Monochromacy



Original Color

37.4441, 14.6693, -78.4687

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.8874, -1.2480, -22.2072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4441, 14.6693, -78.4687 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 `rgb(0, 100, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 215)  
}
```

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 rgb(0, 100, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4441, 14.6693, -78.4687 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 rgb(0, 100, 215) }
```


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

```
.border{ border-color:rgb(0, 100, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4441, 14.6693, -78.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 215) }
```

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

```
.background{ background-color: rgb(0, 100,  
215) }
```

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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