

Converting Colors

HunterLab(31.9873, -3.9846,
-100.1280)

Have a look what the booklet for
HunterLab(31.9873, -3.9846,
-100.1280) contains.

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Color

**HunterLab(37.7010, 14.1303,
-77.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	0065D7
RGB	0, 101, 215
RGB Percent	0%, 40%, 84%
CMY	0.9998, 0.6039, 0.1569
CMYK	1.00, 0.53, 0.00, 0.16
HSL	212°, 100%, 42%
HSV	212°, 100%, 84%
XYZ	16.9194, 14.2137, 66.1418
YIQ	83.7970, -96.7900, 14.0420

Conversions

Conversions Part 2

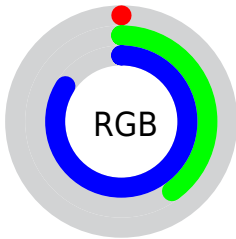
Format	Color
R _{YB}	0, 69, 215
Decimal	26071
CIE _{Lab}	44.54, 20.33, -65.01
CIE _{LCh}	45, 68.111, 287.367
Y _{xy}	14.2140, 0.1739, 0.1461
Android (android.graphics.Color)	4278216151 (0xFF0065D7)
YUV	83.7970, 64.6831, -73.4900
Hunter-Lab	37.7010, 14.1303, -77.6263

Details

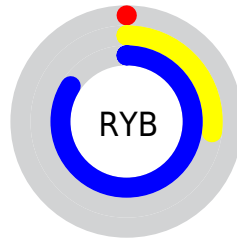
The HunterLab color **37.7010, 14.1303, -77.6263** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **51.4719, 27.9993, 32.2052**, and the grayscale version is **29.5039, -1.5743, 1.6030**.

A 20% lighter version of the original color is **56.7257, 9.5945, -63.7625**, and **23.0901, 18.9026, -69.6659** is the 20% darker color. If you saturate the color by 10%, you get **37.6940, 14.1451, -77.6496**, and if you desaturate by 10%, it is **40.9259, 8.7438, -67.7672**.

Distribution



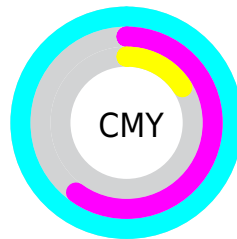
- Red (0%)
- Green (40%)
- Blue (84%)



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



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



- Cyan (100%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7010, 14.1303, -77.6263 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 37.7010, 14.1303, -77.6263 by changing the saturation by 10% instead.

■ 37.7010, 14.1303,
-77.6263

■ 37.7010, 14.1303,
-77.6263

■ 147.8371, 16.4259,
-83.1236

■ 28.7570, 13.4386,
-78.6914

■ 57.8518, 15.1838,
-77.6900

■ 20.6591, 12.6093,
-81.4295

■ 68.9543, 15.5695,
-78.2340

■ 13.5077, 11.6215,
-87.8516

■ 80.6882, 15.8750,
-78.9367

■ 7.0881, 12.2963,
-110.3161

■ 93.0212, 16.1080,
-79.7289

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.9255, 16.2748,
-80.5673

0.0000, NaN, -NF

119.3768, 16.3805,

0.0000, NaN, -NF

-81.4239

0.0000, NaN, NaN

133.3537, 16.4296,
-82.2801

■ 37.7010, 14.1303,
-77.6263

■ 37.7010, 14.1303,
-77.6263

■ 37.6940, 14.1451,
-77.6496

■ 40.9259, 8.7438,
-67.7672

■ 44.4833, 4.2049,
-58.2061

■ 48.3746, 0.6166,
-48.9781

■ 52.5679, -2.0727,
-40.1556

■ 57.0306, -3.9504,
-31.7646

■ 61.7322, -5.1150,
-23.7974

■ 66.6462, -5.6615,
-16.2263

■ 71.7494, -5.6759,
-9.0140

■ 77.0221, -5.2329,
-2.1203

Harmonies

Analogous

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



37.7015, -12.3550, -80.3306



37.7010, 14.1303, -77.6263



37.7015, 42.3656, -46.5844

Triad

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



37.7015, 14.1319, -77.6253



37.7015, 38.2622, 22.9705



37.7015, -39.4972, 11.0567

Complementary

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



37.7010, 14.1303, -77.6263



51.4719, 27.9993, 32.2052

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.



37.7015, -32.2401, 22.1619



37.7010, 14.1303, -77.6263



37.7015, 9.5785, 25.2555

Square

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



37.7015, 14.1319, -77.6253



37.7015, 58.6893, 13.6839



37.7015, -15.8296, 25.0954



37.7015, -38.8981, -15.1198

Rectangle

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



37.7010, 14.1303, -77.6263



37.7015, 56.2491, -21.2742



37.7015, -15.8296, 25.0954



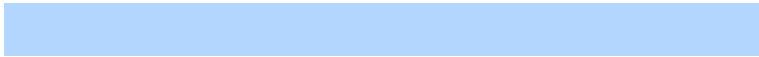
37.7015, -38.0008, 16.1692

Sweetspot

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



37.7015, 14.1319, -77.6253



80.6561, -6.8573, -19.9660



70.5348, -54.6614, 29.8386



36.1289, -3.0770, -11.0229

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.7015, 14.1319, -77.6253



45.3815, 17.8824, -95.3260



22.2056, 60.1092, -156.9231



36.0010, -2.4193, -0.8123



29.5073, 10.2019, -58.9045



8.3070, 0.4833, -11.4264

Inverse Universe

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



39.2274, 69.5659, 6.7808



47.5502, 84.2706, 8.7149



79.0645, -22.5799, 48.3228



35.3793, 1.9781, 1.0212



30.3707, 53.9294, 4.7521



7.5696, 13.6474, -0.4128

Previews

White Background



This preview shows how the HunterLab color 37.7010, 14.1303, -77.6263 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 37.7010, 14.1303, -77.6263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

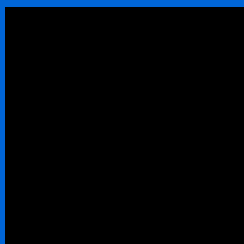
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

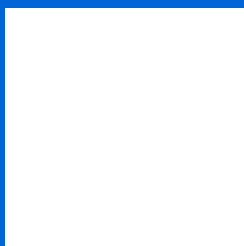
Any Text WCAG AAA × Fail

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

HunterLab 37.7010, 14.1303, -77.6263 Background



This preview shows how black text looks on a background with the HunterLab color 37.7010, 14.1303, -77.6263.



This preview shows how white text looks on a background with the HunterLab color 37.7010, 14.1303, -77.6263.

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

37.7010, 14.1303, -77.6263

Protanopia

37.7609, 14.3128, -77.4259

Deuteranopia

37.4974, 1.5983, -50.3188



Tritanopia

37.6534, -18.4904, -7.1480

Trichromacy



Original Color

37.7010, 14.1303, -77.6263

Protanomaly

37.7352, 14.2346, -77.5117

Deuteranomaly

37.5957, 6.0412, -60.0325

Tritanomaly

37.1527, -8.4670, -28.1598

Monochromacy



Original Color

37.7010, 14.1303, -77.6263

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.2012, -1.4591, -22.2815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7010, 14.1303, -77.6263 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, 101, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 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, 101, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7010, 14.1303, -77.6263 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, 101, 215) }
```


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

```
.border{ border-color:rgb(0, 101, 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, 101, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7010, 14.1303, -77.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 215) }
```

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

```
.background{ background-color: rgb(0, 101,  
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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