

Converting Colors

HunterLab(37.6772, 7.7452,
-59.7727)

Have a look what the booklet for
HunterLab(37.6772, 7.7452,
-59.7727) contains.

HunterLab(37.6933, 7.7403, -59.7269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.6933, 7.7403,
-59.7269)**

Conversions

Conversions Part 1

Format	Color
Hex	1E68C5
RGB	30, 104, 197
RGB Percent	12%, 41%, 77%
CMY	0.8823, 0.5922, 0.2274
CMYK	0.85, 0.47, 0.00, 0.23
HSL	213°, 74%, 45%
HSV	213°, 85%, 77%
XYZ	15.5638, 14.2078, 54.7454
YIQ	92.4760, -73.9570, 13.2350

Conversions

Conversions Part 2

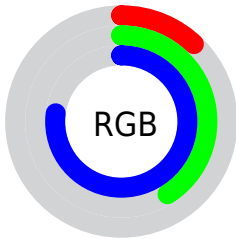
Format	Color
R_{YB}	30, 81, 197
Decimal	1992901
CIE _{Lab}	44.53, 12.64, -54.67
CIE _{LCh}	45, 56.116, 283.021
Yxy	14.2082, 0.1842, 0.1681
Android (android.graphics.Color)	4280182981 (0xFF1E68C5)
YUV	92.4760, 51.5303, -54.7915
Hunter-Lab	37.6933, 7.7403, -59.7269

Details

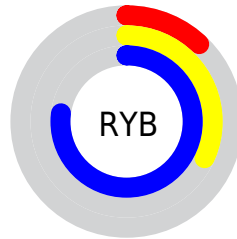
The HunterLab color **37.6933, 7.7403, -59.7269** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **51.1220, 16.4935, 30.3639**, and the grayscale version is **32.7276, -1.7463, 1.7782**.

A 20% lighter version of the original color is **57.9670, 7.6786, -60.0526**, and **22.3139, 12.1118, -54.0362** is the 20% darker color. If you saturate the color by 10%, you get **34.5421, 12.5393, -69.1653**, and if you desaturate by 10%, it is **41.1793, 3.8247, -50.6141**.

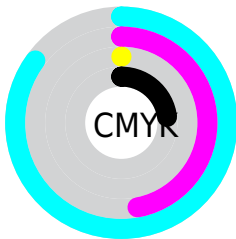
Distribution



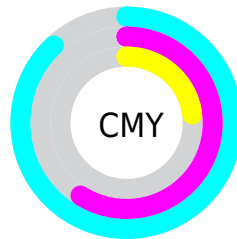
- Red (12%)
- Green (41%)
- Blue (77%)



- Red (12%)
- Yellow (32%)
- Blue (77%)



- Cyan (85%)
- Magenta (47%)
- Yellow (0%)
- Black (23%)



- Cyan (88%)
- Magenta (59%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6933, 7.7403, -59.7269 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 37.6933, 7.7403, -59.7269 by changing the saturation by 10% instead.

■ 37.6933, 7.7403,
-59.7269

■ 37.6933, 7.7403,
-59.7269

■ 147.8251, 7.0530,
-65.8602

■ 28.7500, 7.4613,
-59.8926

■ 57.8430, 8.0292,
-60.6132

■ 20.6528, 7.0682,
-61.0399

■ 68.9450, 8.0596,
-61.3131

■ 13.5022, 6.5361,
-64.4035

■ 80.6784, 8.0250,
-62.0756

■ 7.0818, 7.4012,
-78.3050

■ 93.0109, 7.9315,
-62.8608

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.9147, 7.7838,
-63.6445

0.0000, NaN, -NF

119.3656, 7.5860,

0.0000, NaN, NaN

-64.4115

0.0000, NaN, NaN

133.3421, 7.3414,
-65.1521

■ 37.6933, 7.7403,
-59.7269

■ 37.6933, 7.7403,
-59.7269

■ 34.5421, 12.5393,
-69.1653

■ 41.1793, 3.8247,
-50.6141

■ 33.0052, 15.3019,
-74.2861

■ 44.9658, 0.7664,
-41.9299

■ 49.0187, -1.5085,
-33.7135

■ 53.3062, -3.0929,
-25.9603

■ 57.8003, -4.0805,
-18.6402

■ 62.4770, -4.5568,
-11.7107

■ 67.3163, -4.5962,
-5.1257

■ 72.3013, -4.2619,
1.1596

■ 77.4177, -3.6068,
7.1865

Harmonies

Analogous

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



37.6938, -13.3224, -58.1065



37.6933, 7.7403, -59.7269



37.6938, 30.4728, -39.4067

Triad

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



37.6938, 7.7414, -59.7259



37.6938, 33.1476, 20.2095



37.6938, -33.9169, 11.8090

Complementary

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



37.6933, 7.7403, -59.7269



51.1220, 16.4935, 30.3639

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.



37.6938, -26.2369, 20.9466



37.6933, 7.7403, -59.7269



37.6938, 10.8096, 23.5969

Square

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



37.6938, 7.7414, -59.7259



37.6938, 47.2027, 9.8675



37.6938, -10.8669, 23.7592



37.6938, -34.3801, -7.9067

Rectangle

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



37.6933, 7.7403, -59.7269



37.6938, 42.2586, -20.4534



37.6938, -10.8669, 23.7592



37.6938, -32.1883, 15.8689

Sweetspot

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



37.6938, 7.7414, -59.7259



83.2168, -6.0767, -16.2343



64.5063, -46.4563, 22.0540



37.4571, -2.7333, -9.0202

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.6938, 7.7414, -59.7259



43.6184, 21.6903, -101.3422



23.1943, 46.8021, -119.9176



33.2386, -2.1181, -0.8137



27.0666, 11.7631, -59.2241



7.0053, 0.3912, -9.6005

Inverse Universe

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



37.1474, 59.8763, 3.0348



47.3833, 83.6605, 11.1211



71.2747, -21.7981, 42.5148



32.7318, 1.7570, 1.0558



28.7742, 50.9167, 5.8807



6.3762, 11.4976, -0.3617

Previews

White Background



This preview shows how the HunterLab color 37.6933, 7.7403, -59.7269 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 37.6933, 7.7403, -59.7269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

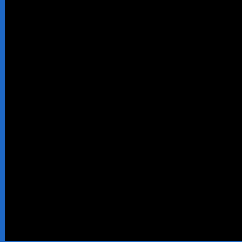
Any Text WCAG AA × Fail

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 37.6933, 7.7403, -59.7269 Background



This preview shows how black text looks on a background with the HunterLab color 37.6933, 7.7403, -59.7269.



This preview shows how white text looks on a background with the HunterLab color 37.6933, 7.7403, -59.7269.

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

37.6933, 7.7403, -59.7269

Protanopia

37.7937, 10.5277, -57.5232

Deuteranopia

37.6115, 2.2113, -51.7847



Tritanopia

37.3444, -18.1112, -7.5803

Trichromacy



Original Color

37.6933, 7.7403, -59.7269

Protanomaly

37.8026, 9.3314, -58.4524

Deuteranomaly

37.6043, 3.9516, -54.4743

Tritanomaly

37.2745, -10.0724, -23.7788

Monochromacy



Original Color

37.6933, 7.7403, -59.7269

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.5301, -1.8943, -16.7162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6933, 7.7403, -59.7269 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(30, 104, 197)` looks like.

```
.text, #text, p{  
    color:rgb(30, 104, 197)  
}
```

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(30, 104, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 104, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6933, 7.7403, -59.7269 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(30, 104, 197) }
```


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

```
.border{ border-color:rgb(30, 104, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 104, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 104, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 104, 197);  
box-shadow:4px 4px 4px 4px rgb(30, 104,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6933, 7.7403, -59.7269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 104, 197) }
```

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

```
.background{ background-color: rgb(30, 104,  
197) }
```

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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