

Converting Colors

HunterLab(40.7752, -6.1191,
-31.0042)

Have a look what the booklet for
HunterLab(40.7752, -6.1191,
-31.0042) contains.

HunterLab(40.7752, -6.1191, -31.0042)	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(40.7752, -6.1191,
-31.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	2A77AB
RGB	42, 119, 171
RGB Percent	16%, 47%, 67%
CMY	0.8353, 0.5333, 0.3294
CMYK	0.75, 0.30, 0.00, 0.33
HSL	204°, 61%, 42%
HSV	204°, 75%, 67%
XYZ	14.9024, 16.6262, 40.9518
YIQ	101.9050, -62.5840, -0.1520

Conversions

Conversions Part 2

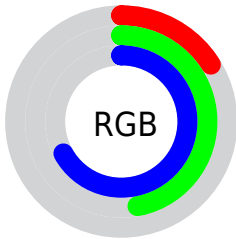
Format	Color
R_{YB}	42, 90, 171
Decimal	2783147
CIE _{Lab}	47.79, -5.32, -34.39
CIE _{LCh}	48, 34.801, 261.202
Yxy	16.6267, 0.2056, 0.2294
Android (android.graphics.Color)	4280973227 (0xFF2A77AB)
YUV	101.9050, 34.0638, -52.5367
Hunter-Lab	40.7752, -6.1191, -31.0042

Details

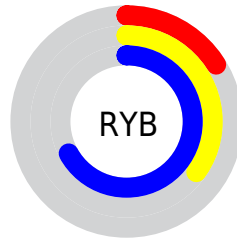
The HunterLab color **40.7752, -6.1191, -31.0042** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **41.0271, 20.5103, 22.4729**, and the grayscale version is **36.3093, -1.9374, 1.9728**.

A 20% lighter version of the original color is **61.3801, -7.8015, -32.5129**, and **24.1132, -1.3119, -27.3075** is the 20% darker color. If you saturate the color by 10%, you get **38.4162, -4.2428, -35.8657**, and if you desaturate by 10%, it is **43.3224, -7.3834, -26.1633**.

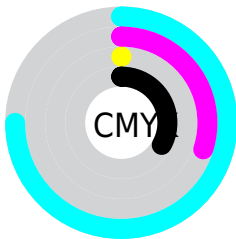
Distribution



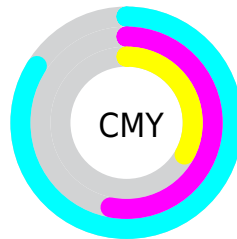
- Red (16%)
- Green (47%)
- Blue (67%)



- Red (16%)
- Yellow (35%)
- Blue (67%)



- Cyan (75%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7752, -6.1191, -31.0042 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 40.7752, -6.1191, -31.0042 by changing the saturation by 10% instead.

40.7752, -6.1191,
-31.0042

40.7752, -6.1191,
-31.0042

152.6473,
-14.3421, -35.2247

31.5733, -5.2920,
-30.4079

61.3864, -7.8163,
-32.2347

23.1910, -4.4747,
-29.9346

72.6979, -8.6912,
-32.8079

15.7189, -3.6583,
-29.8166

84.6297, -9.5848,
-33.3362

9.2843, -2.9942,
-30.7615

97.1511, -10.4976,
-33.8151

0.0000, NaN, -NF

0.0000, NaN, -NF

110.2355,
-11.4296, -34.2432

0.0000, NaN, NaN

123.8597,

0.0000, NaN, NaN

-12.3811, -34.6202

0.0000, NaN, NaN

138.0031,
-13.3520, -34.9470

■ 40.7752, -6.1191,
-31.0042

■ 40.7752, -6.1191,
-31.0042

■ 38.4162, -4.2428,
-35.8657

■ 43.3224, -7.3834,
-26.1633

■ 36.2458, -1.7633,
-40.7202

■ 46.0462, -8.0644,
-21.3777

■ 35.2932, -0.5220,
-42.9866

■ 48.9356, -8.2049,
-16.6705

■ 51.9781, -7.8552,
-12.0573

■ 55.1613, -7.0665,
-7.5457

■ 58.4739, -5.8877,
-3.1379

■ 61.9051, -4.3635,
1.1684

■ 65.4454, -2.5341,
5.3781

■ 69.0861, -0.4348,
9.4977

Harmonies

Analogous

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



40.7759, -17.3669, -22.4539



40.7752, -6.1191, -31.0042



40.7759, 7.7640, -28.6276

Triad

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



40.7759, -6.1187, -31.0033



40.7759, 25.3173, 10.2622



40.7759, -20.6979, 14.9780

Complementary

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



40.7752, -6.1191, -31.0042



41.0271, 20.5103, 22.4729

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.



40.7759, -11.2500, 19.3200



40.7752, -6.1191, -31.0042



40.7759, 15.6220, 17.2869

Square

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



40.7759, -6.1187, -31.0033



40.7759, 27.1651, -1.7908



40.7759, 1.9185, 19.9972



40.7759, -25.0263, 5.8598

Rectangle

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



40.7752, -6.1191, -31.0042



40.7759, 16.6089, -21.4141



40.7759, 1.9185, 19.9972



40.7759, -18.0792, 16.9002

Sweetspot

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



40.7759, -6.1187, -31.0033



74.7049, -9.1773, -8.8916



55.1540, -39.8146, 22.0042



34.5537, -4.5569, -5.1913



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



40.7759, -6.1187, -31.0033



49.3021, -3.3724, -52.6600



24.8122, 26.1296, -76.3192



29.1927, -2.4070, -0.2366



30.8143, -0.7435, -36.9102



6.0637, -1.5693, -4.1914

Inverse Universe

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



34.1270, 49.8709, -8.4200



42.3229, 73.9546, -7.6367



57.7180, -9.9069, 33.1411



28.4474, 1.6591, 0.4154



26.9473, 48.8748, -3.7239



4.6094, 8.5639, -2.2169

Previews

White Background



This preview shows how the HunterLab color 40.7752, -6.1191, -31.0042 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 40.7752, -6.1191, -31.0042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

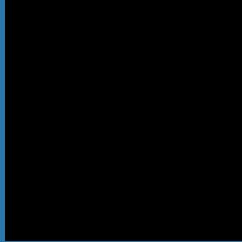
Any Text WCAG AA × Fail

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 40.7752, -6.1191, -31.0042 Background



This preview shows how black text looks on a background with the HunterLab color 40.7752, -6.1191, -31.0042.

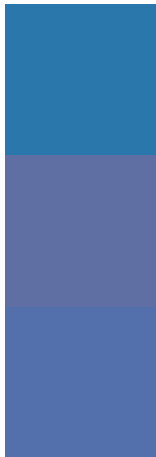


This preview shows how white text looks on a background with the HunterLab color 40.7752, -6.1191, -31.0042.

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

40.7752, -6.1191, -31.0042

Protanopia

40.5982, 4.1578, -26.2033

Deuteranopia

40.5518, 3.4433, -32.7555



Tritanopia

40.5173, -19.3307, -8.9137

Trichromacy



Original Color

40.7752, -6.1191, -31.0042

Protanomaly

40.4489, -0.2978, -28.6693

Deuteranomaly

40.5820, -0.8138, -32.0300

Tritanomaly

40.5038, -15.2423, -16.3202

Monochromacy



Original Color

40.7752, -6.1191, -31.0042

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.3670, -5.6728, -8.9327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7752, -6.1191, -31.0042 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(42, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(42, 119, 171)  
}
```

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(42, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 119, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7752, -6.1191, -31.0042 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(42, 119, 171) }
```


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

```
.border{ border-color:rgb(42, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 119, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 119, 171);  
box-shadow:4px 4px 4px 4px rgb(42, 119,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7752, -6.1191, -31.0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 119, 171) }
```

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

```
.background{ background-color: rgb(42, 119,  
171) }
```

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