

Converting Colors

HunterLab(21.7640, 22.7996,
-60.2727)

Have a look what the booklet for
HunterLab(21.7640, 22.7996,
-60.2727) contains.

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Color

**HunterLab(21.7640, 22.7996,
-60.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	302F92
RGB	48, 47, 146
RGB Percent	19%, 18%, 57%
CMY	0.8117, 0.8157, 0.4275
CMYK	0.67, 0.68, 0.00, 0.43
HSL	241°, 51%, 38%
HSV	241°, 68%, 57%
XYZ	7.4237, 4.7367, 27.7171
YIQ	58.5850, -31.1830, 31.0010

Conversions

Conversions Part 2

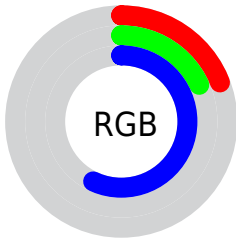
Format	Color
R_{YB}	48, 47, 146
Decimal	3157906
CIE _{Lab}	25.97, 32.82, -54.39
CIE _{LCh}	26, 63.524, 301.109
Yxy	4.7368, 0.1862, 0.1188
Android (android.graphics.Color)	4281347986 (0xFF302F92)
YUV	58.5850, 43.0956, -9.2830
Hunter-Lab	21.7640, 22.7996, -60.2727

Details

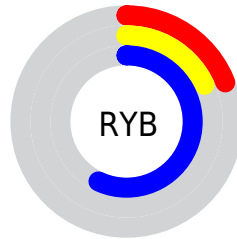
The HunterLab color **21.7640, 22.7996, -60.2727** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **51.7516, -13.0693, 28.5793**, and the grayscale version is **20.6353, -1.1011, 1.1212**.

A 20% lighter version of the original color is **39.1768, 25.3393, -59.0434**, and **9.5744, 21.9234, -59.2936** is the 20% darker color. If you saturate the color by 10%, you get **18.6079, 28.4527, -74.6840**, and if you desaturate by 10%, it is **25.5268, 17.5954, -47.1254**.

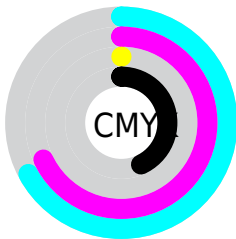
Distribution



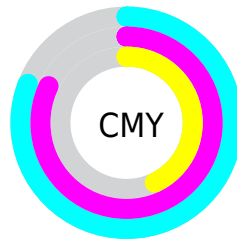
- Red (19%)
- Green (18%)
- Blue (57%)



- Red (19%)
- Yellow (18%)
- Blue (57%)



- Cyan (67%)
- Magenta (68%)
- Yellow (0%)
- Black (43%)



- Cyan (81%)
- Magenta (82%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7640, 22.7996, -60.2727 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 21.7640, 22.7996, -60.2727 by changing the saturation by 10% instead.

■ 21.7640, 22.7996, -60.2727	■ 21.7640, 22.7996, -60.2727
121.3481, 31.2502, -64.0691	■ 14.4696, 21.2762, -63.1168
■ 39.0481, 25.4577, -59.2904	■ 8.1307, 20.3916, -72.2767
■ 48.8712, 26.5887, -59.6650	0.0000, INF, -NF
■ 59.4028, 27.6022, -60.2639	0.0000, NaN, -NF
■ 70.5980, 28.5094, -60.9779	0.0000, NaN, -NF
■ 82.4197, 29.3199, -61.7453	0.0000, NaN, NaN
■ 94.8361, 30.0423,	0.0000, NaN, NaN

-62.5298

0.0000, NaN, NaN

107.8202, 30.6836,
-63.3090

■ 21.7640, 22.7996,
-60.2727

■ 21.7640, 22.7996,
-60.2727

■ 18.6079, 28.4527,
-74.6840

■ 25.5268, 17.5954,
-47.1254

■ 16.2510, 33.8612,
-88.6086

■ 29.7418, 13.0084,
-35.6570

■ 14.7472, 38.1169,
-99.5779

■ 34.3013, 8.9883,
-25.7117

■ 14.4392, 39.1000,
-102.0825

■ 39.1315, 5.4271,
-16.9956

■ 44.1816, 2.2210,
-9.2302

■ 49.4156, -0.7144,
-2.1910

■ 54.8076, -3.4438,
4.2936

■ 60.3378, -6.0158,
10.3526

■ 65.9914, -8.4669,
16.0827

Harmonies

Analogous

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



21.7643, -0.4047, -77.7787



21.7640, 22.7996, -60.2727



21.7643, 44.4362, -25.3469

Triad

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



21.7643, 22.8007, -60.2720



21.7643, 20.9992, 15.2350



21.7643, -27.9969, 0.4565

Complementary

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



21.7640, 22.7996, -60.2727



51.7516, -13.0693, 28.5793

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.



21.7643, -25.8214, 12.5517



21.7640, 22.7996, -60.2727



21.7643, -1.9100, 15.2350

Square

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



21.7643, 22.8007, -60.2720



21.7643, 43.1563, 12.9576



21.7643, -17.8337, 15.2350



21.7643, -25.4568, -27.9143

Rectangle

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



21.7640, 22.7996, -60.2727



21.7643, 52.1408, -5.3453



21.7643, -17.8337, 15.2350



21.7643, -27.8019, 6.1628

Sweetspot

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



21.7643, 22.8007, -60.2720



56.9154, 4.0168, -14.8337



48.2053, -22.7446, -4.1418



26.0510, 2.3900, -8.1948



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



21.7643, 22.8007, -60.2720



23.0540, 41.3939, -108.4475



25.7338, 31.8310, -46.2403



23.7394, -0.1541, -1.5330



13.5474, 36.6808, -95.7435



1.5173, 4.0716, -10.4393

Inverse Universe

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



31.9189, 44.6969, -29.3041



39.5316, 68.6455, -45.0741



48.2463, -26.4608, 25.9611



24.3068, 1.7659, -0.7403



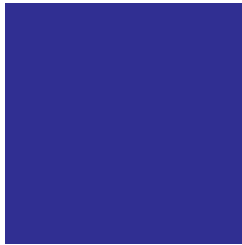
26.7654, 52.5096, -34.4335



2.9656, 5.8247, -3.8671

Previews

White Background



This preview shows how the HunterLab color 21.7640, 22.7996, -60.2727 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 21.7640, 22.7996, -60.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

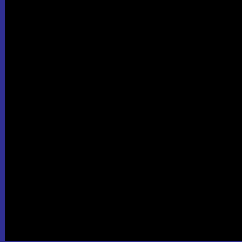
Any Text WCAG AA × Fail

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 21.7640, 22.7996, -60.2727 Background



This preview shows how black text looks on a background with the HunterLab color 21.7640, 22.7996, -60.2727.



This preview shows how white text looks on a background with the HunterLab color 21.7640, 22.7996, -60.2727.

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

21.7640, 22.7996, -60.2727

Protanopia

21.4676, 6.2145, -40.2481

Deuteranopia

21.4862, -0.7866, -25.1578

Trichromacy



Original Color

21.7640, 22.7996, -60.2727

Protanomaly

21.3190, 11.5135, -48.3749

Deuteranomaly

21.0378, 6.8418, -37.8967

Monochromacy



Original Color

21.7640, 22.7996, -60.2727

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.7363, 5.2892, -15.4292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7640, 22.7996, -60.2727 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(48, 47, 146)` looks like.

```
.text, #text, p{  
    color:rgb(48, 47, 146)  
}
```

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(48, 47, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 47, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7640, 22.7996, -60.2727 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(48, 47, 146) }
```

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

```
.border{ border-color:rgb(48, 47, 146) }
```

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

Here you see how a box with a 4 pixel rgb(48, 47, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 47, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 47, 146);  
box-shadow:4px 4px 4px 4px rgb(48, 47,  
146) }
```


Background

The CSS property to change the background color of an element to HunterLab 21.7640, 22.7996, -60.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 47, 146) }
```

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

```
.background{ background-color: rgb(48, 47,  
146) }
```

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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