

Converting Colors

HunterLab(21.3848, 24.6515,
-62.9326)

Have a look what the booklet for
HunterLab(21.3848, 24.6515,
-62.9326) contains.

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Color

**HunterLab(21.3563, 24.7593,
-63.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	312C93
RGB	49, 44, 147
RGB Percent	19%, 17%, 58%
CMY	0.8078, 0.8275, 0.4235
CMYK	0.67, 0.70, 0.00, 0.42
HSL	243°, 54%, 37%
HSV	243°, 70%, 58%
XYZ	7.4338, 4.5609, 28.0923
YIQ	57.2370, -30.0830, 33.0930

Conversions

Conversions Part 2

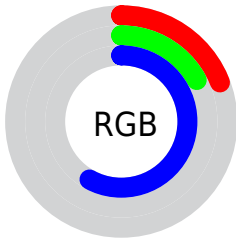
Format	Color
R_{YB}	49, 44, 147
Decimal	3222675
CIE _{Lab}	25.45, 35.18, -55.86
CIE _{LCh}	25, 66.021, 302.203
Yxy	4.5610, 0.1854, 0.1138
Android (android.graphics.Color)	4281412755 (0xFF312C93)
YUV	57.2370, 44.2532, -7.2238
Hunter-Lab	21.3563, 24.7593, -63.0413

Details

The HunterLab color **21.3563, 24.7593, -63.0413** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **51.7684, -14.5903, 28.9150**, and the grayscale version is **20.1699, -1.0762, 1.0959**.

A 20% lighter version of the original color is **38.6453, 27.4565, -61.4335**, and **9.3254, 23.6332, -62.6733** is the 20% darker color. If you saturate the color by 10%, you get **18.3241, 30.3453, -77.4933**, and if you desaturate by 10%, it is **25.0204, 19.4545, -49.6541**.

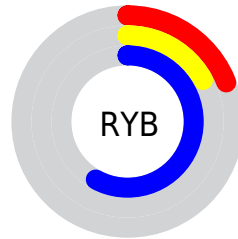
Distribution



Red (19%)

Green (17%)

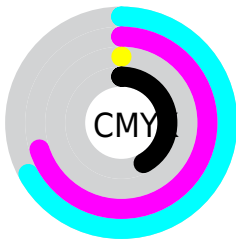
Blue (58%)



Red (19%)

Yellow (17%)

Blue (58%)

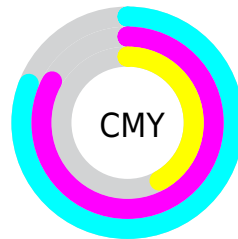


Cyan (67%)

Magenta (70%)

Yellow (0%)

Black (42%)



Cyan (81%)

Magenta (83%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3563, 24.7593, -63.0413 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 21.3563, 24.7593, -63.0413 by changing the saturation by 10% instead.

■ 21.3563, 24.7593,
-63.0413

■ 21.3563, 24.7593,
-63.0413

■ 120.6236, 34.0990,
-66.3815

■ 14.1141, 23.1528,
-66.3880

■ 38.5522, 27.6235,
-61.6848

■ 7.7644, 22.7476,
-77.7316

■ 48.3366, 28.8596,
-61.9888

0.0000, INF, -NF

■ 58.8321, 29.9763,
-62.5515

0.0000, NaN, -NF

■ 69.9934, 30.9840,
-63.2503

0.0000, NaN, -NF

■ 81.7830, 31.8922,
-64.0163

0.0000, NaN, NaN

■ 94.1689, 32.7094,

0.0000, NaN, NaN

0.0000, NaN, NaN

-64.8087

0.0000, NaN, NaN

107.1238, 33.4429,
-65.6023

21.3563, 24.7593,
-63.0413

21.3563, 24.7593,
-63.0413

18.3241, 30.3453,
-77.4933

25.0204, 19.4545,
-49.6541

16.1147, 35.3991,
-91.0120

29.1567, 14.6905,
-37.9089

14.6721, 39.4838,
-101.8155

33.6521, 10.4626,
-27.7146

38.4283, 6.6823,
-18.7930

43.4317, 3.2529,
-10.8636

■ 48.6243, 0.0927,
-3.6951

■ 53.9787, -2.8625,
2.8913

■ 59.4744, -5.6614,
9.0304

■ 65.0957, -8.3406,
14.8236

Harmonies

Analogous

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



21.3565, 0.4253, -83.1273



21.3563, 24.7593, -63.0413



21.3565, 47.2786, -25.4399

Triad

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



21.3565, 24.7604, -63.0406



21.3565, 21.0075, 14.9496



21.3565, -28.2834, -0.3589

Complementary

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



21.3563, 24.7593, -63.0413



51.7684, -14.5903, 28.9150

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.



21.3565, -26.3253, 12.4102



21.3563, 24.7593, -63.0413



21.3565, -2.6628, 14.9496

Square

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



21.3565, 24.7604, -63.0406



21.3565, 44.5892, 13.2633



21.3565, -18.6093, 14.9496



21.3565, -25.6109, -30.8751

Rectangle

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



21.3563, 24.7593, -63.0413



21.3565, 55.0110, -4.6991



21.3565, -18.6093, 14.9496



21.3565, -28.1467, 5.7243

Sweetspot

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



21.3565, 24.7604, -63.0406



57.1928, 4.9555, -15.9186



47.3895, -21.8629, -5.7174



26.5211, 2.9020, -8.8351



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



21.3565, 24.7604, -63.0406



22.6973, 44.6296, -114.3658



25.6062, 33.9988, -47.5418



23.7605, -0.0818, -1.5044



13.6729, 36.7719, -94.7034



1.5985, 4.1358, -9.8067

Inverse Universe

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



31.5550, 45.5564, -27.8383



39.3768, 69.9025, -42.3314



48.2992, -27.9472, 26.3474



24.2989, 1.7239, -0.6289



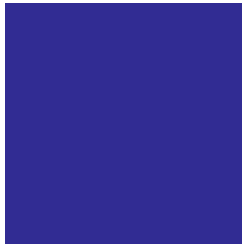
26.4889, 51.5499, -30.8434



2.9510, 5.7744, -3.6792

Previews

White Background



This preview shows how the HunterLab color 21.3563, 24.7593, -63.0413 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 21.3563, 24.7593, -63.0413 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 21.3563, 24.7593, -63.0413 Background



This preview shows how black text looks on a background with the HunterLab color 21.3563, 24.7593, -63.0413.



This preview shows how white text looks on a background with the HunterLab color 21.3563, 24.7593, -63.0413.

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

21.3563, 24.7593, -63.0413

Protanopia

21.1096, 6.0832, -39.5172

Deuteranopia

21.1309, -0.8886, -24.4937



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

21.3563, 24.7593, -63.0413

Protanomaly

20.8345, 12.2668, -49.0696

Deuteranomaly

20.5354, 7.5749, -38.5172

Tritanomaly

20.3897, -0.0903, -21.7629

Monochromacy



Original Color

21.3563, 24.7593, -63.0413

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.9460, 6.2138, -16.3534

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3563, 24.7593, -63.0413 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(49, 44, 147)` looks like.

```
.text, #text, p{  
    color:rgb(49, 44, 147)  
}
```

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(49, 44, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 44, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3563, 24.7593, -63.0413 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(49, 44, 147) }
```


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

```
.border{ border-color:rgb(49, 44, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 44, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 44, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 44, 147);  
box-shadow:4px 4px 4px 4px rgb(49, 44,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3563, 24.7593, -63.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 44, 147) }
```

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

```
.background{ background-color: rgb(49, 44,  
147) }
```

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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