

Converting Colors

HunterLab(21.4849, 27.1461,
-44.1495)

Have a look what the booklet for
HunterLab(21.4849, 27.1461,
-44.1495) contains.

HunterLab(21.5419, 27.0612, -44.3786)	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>	30

Color

**HunterLab(21.5419, 27.0612,
-44.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2782
RGB	77, 39, 130
RGB Percent	30%, 15%, 51%
CMY	0.6980, 0.8471, 0.4902
CMYK	0.41, 0.70, 0.00, 0.49
HSL	265°, 54%, 33%
HSV	265°, 70%, 51%
XYZ	7.8154, 4.6405, 21.6029
YIQ	60.7360, -6.5630, 36.3570

Conversions

Conversions Part 2

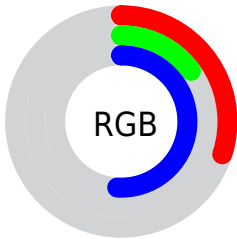
Format	Color
R_{YB}	77, 39, 130
Decimal	5056386
CIE _{Lab}	25.69, 37.75, -44.78
CIE _{LCh}	26, 58.565, 310.130
Yxy	4.6407, 0.2295, 0.1363
Android (android.graphics.Color)	4283246466 (0xFF4D2782)
YUV	60.7360, 34.1472, 14.2635
Hunter-Lab	21.5419, 27.0612, -44.3786

Details

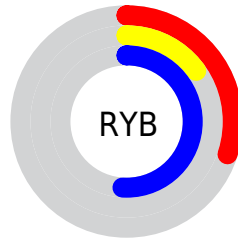
The HunterLab color $[21.5419, 27.0612, -44.3786]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[42.8802, -21.9135, 23.3848]$, and the grayscale version is $[21.3988, -1.1418, 1.1626]$.

A 20% lighter version of the original color is $[38.7594, 30.1074, -44.9572]$, and $[8.7255, 21.5804, -45.8158]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.0567, 31.1285, -53.4194]$, and if you desaturate by 10%, it is $[24.4523, 22.6524, -35.7441]$.

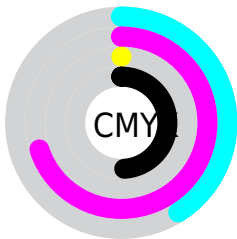
Distribution



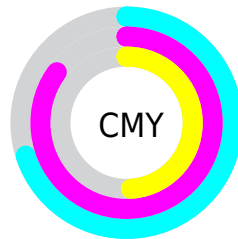
- Red (30%)
- Green (15%)
- Blue (51%)



- Red (30%)
- Yellow (15%)
- Blue (51%)



- Cyan (41%)
- Magenta (70%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (85%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5419, 27.0612, -44.3786 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 21.5419, 27.0612, -44.3786 by changing the saturation by 10% instead.

■ 21.5419, 27.0612,
-44.3786

■ 21.5419, 27.0612,
-44.3786

■ 120.9540, 37.2627,
-49.3255

■ 14.2759, 25.3813,
-45.5343

■ 38.7782, 30.1152,
-44.6895

■ 7.9336, 24.7693,
-50.8703

■ 48.5803, 31.4518,
-45.2824

0.0000, INF, -NF

■ 59.0923, 32.6684,
-45.9642

0.0000, NaN, -NF

■ 70.2691, 33.7746,
-46.6747

0.0000, NaN, -NF

■ 82.0733, 34.7793,
-47.3809

0.0000, NaN, NaN

■ 94.4732, 35.6909,

0.0000, NaN, NaN

0.0000, NaN, NaN

-48.0644

0.0000, NaN, NaN

107.4413, 36.5166,
-48.7146

21.5419, 27.0612,
-44.3786

21.5419, 27.0612,
-44.3786

19.0567, 31.1285,
-53.4194

24.4523, 22.6524,
-35.7441

17.0857, 34.3625,
-62.1574

27.7041, 18.1892,
-27.8080

15.5049, 36.9469,
-70.5581

31.2310, 13.8051,
-20.6073

15.5048, 36.9471,
-70.5585

34.9824, 9.5455,
-14.0709

38.9201, 5.4144,
-8.0953

■ 43.0157, 1.3984,
-2.5788

■ 47.2474, -2.5212,
2.5673

■ 51.5982, -6.3629,
7.4157

■ 56.0551, -10.1436,
12.0253

Harmonies

Analogous

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



21.5423, 5.5026, -66.3171



21.5419, 27.0612, -44.3786



21.5423, 43.8154, -13.8777

Triad

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



21.5423, 27.0614, -44.3777



21.5423, 12.3913, 15.0796



21.5423, -26.2505, -5.7050

Complementary

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



21.5419, 27.0612, -44.3786



42.8802, -21.9135, 23.3848

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.



21.5423, -25.5109, 9.8226



21.5419, 27.0612, -44.3786



21.5423, -7.0831, 15.0796

Square

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



21.5423, 27.0614, -44.3777



21.5423, 33.5490, 13.8214



21.5423, -19.6846, 15.0796



21.5423, -22.2312, -34.2619

Rectangle

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



21.5419, 27.0612, -44.3786



21.5423, 47.5012, 1.2499



21.5423, -19.6846, 15.0796



21.5423, -26.5056, 1.0951

Sweetspot

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



21.5423, 27.0614, -44.3777



50.8637, 7.9844, -11.8723



31.1639, -4.7027, -21.0590



23.6299, 4.3850, -6.4851



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.5423, 27.0614, -44.3777



23.6552, 44.0283, -77.8730



26.8903, 38.1753, -29.3274



20.7186, 0.4939, -0.9987



15.1951, 36.1920, -69.0170

0.0000, NaN, NaN

Inverse Universe

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



26.4000, 34.0114, -5.8758



32.0127, 52.0229, -6.2965



40.8734, -30.0314, 21.8758



20.9355, 1.0872, 0.3812

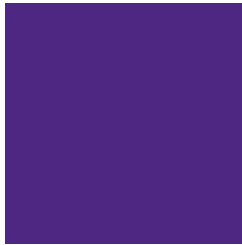


22.4686, 40.6939, -2.6575

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.5419, 27.0612, -44.3786 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 21.5419, 27.0612, -44.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

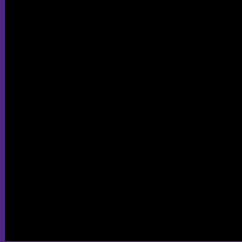
Any Text WCAG AA × Fail

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 21.5419, 27.0612, -44.3786 Background



This preview shows how black text looks on a background with the HunterLab color 21.5419, 27.0612, -44.3786.



This preview shows how white text looks on a background with the HunterLab color 21.5419, 27.0612, -44.3786.

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

21.5419, 27.0612, -44.3786

Deuteranopia

21.5850, -0.2478, -26.4446

Tritanopia

21.7791, -0.3343, -0.2002

Trichromacy



Original Color

21.5419, 27.0612, -44.3786

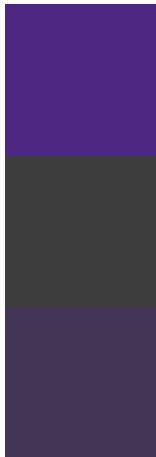
Deuteranomaly

20.4195, 8.0522, -36.1430

Tritanomaly

21.1205, 8.6012, -13.3666

Monochromacy



Original Color

21.5419, 27.0612, -44.3786

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.0033, 8.0114, -11.7706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5419, 27.0612, -44.3786 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(77, 39, 130)` looks like.

```
.text, #text, p{  
    color:rgb(77, 39, 130)  
}
```

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(77, 39, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 39, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5419, 27.0612, -44.3786 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(77, 39, 130) }
```

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

```
.border{ border-color:rgb(77, 39, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 39, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 39, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 39, 130);  
box-shadow:4px 4px 4px 4px rgb(77, 39,  
130) }
```


Background

The CSS property to change the background color of an element to HunterLab 21.5419, 27.0612, -44.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 39, 130) }
```

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

```
.background{ background-color: rgb(77, 39,  
130) }
```

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