

Converting Colors

HunterLab(20.5783, 24.9449,
-47.7819)

Have a look what the booklet for
HunterLab(20.5783, 24.9449,
-47.7819) contains.

HunterLab(20.5451, 24.8772, -47.8513)	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(20.5451, 24.8772,
-47.8513)**

Conversions

Conversions Part 1

Format	Color
Hex	422782
RGB	66, 39, 130
RGB Percent	26%, 15%, 51%
CMY	0.7412, 0.8471, 0.4902
CMYK	0.49, 0.70, 0.00, 0.49
HSL	258°, 54%, 33%
HSV	258°, 70%, 51%
XYZ	7.0016, 4.2210, 21.5649
YIQ	57.4470, -13.1190, 34.0250

Conversions

Conversions Part 2

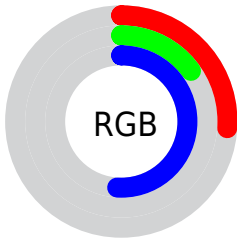
Format	Color
R_{YB}	66, 39, 130
Decimal	4335490
CIE _{Lab}	24.39, 35.51, -46.94
CIE _{LCh}	24, 58.861, 307.104
Yxy	4.2211, 0.2135, 0.1287
Android (android.graphics.Color)	4282525570 (0xFF422782)
YUV	57.4470, 35.7686, 7.5010
Hunter-Lab	20.5451, 24.8772, -47.8513

Details

The HunterLab color **20.5451, 24.8772, -47.8513** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **43.5836, -19.1701, 23.9092**, and the grayscale version is **20.2655, -1.0813, 1.1011**.

A 20% lighter version of the original color is **37.5624, 28.0020, -47.9422**, and **7.7782, 20.7664, -52.6948** is the 20% darker color. If you saturate the color by 10%, you get **17.9340, 29.1118, -58.2600**, and if you desaturate by 10%, it is **23.5997, 20.4982, -38.1574**.

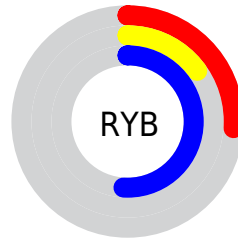
Distribution



Red (26%)

Green (15%)

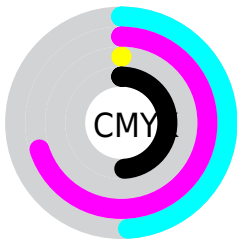
Blue (51%)



Red (26%)

Yellow (15%)

Blue (51%)

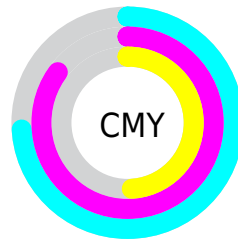


Cyan (49%)

Magenta (70%)

Yellow (0%)

Black (49%)



Cyan (74%)

Magenta (85%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5451, 24.8772, -47.8513 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 20.5451, 24.8772, -47.8513 by changing the saturation by 10% instead.

20.5451, 24.8772,
-47.8513

20.5451, 24.8772,
-47.8513

119.1727, 34.4298,
-52.4724

13.4090, 23.2534,
-49.6089

37.5625, 27.7938,
-47.7647

6.9709, 24.3824,
-59.1759

47.2688, 29.0564,
-48.3010

0.0000, INF, -NF

0.0000, NaN, -NF

57.6915, 30.1984,
-48.9662

0.0000, NaN, -NF

68.7843, 31.2301,
-49.6840

0.0000, NaN, NaN

80.5091, 32.1611,
-50.4127

0.0000, NaN, NaN

0.0000, NaN, NaN

92.8334, 32.9999,

-51.1286

0.0000, NaN, NaN

105.7294, 33.7540,
-51.8179

20.5451, 24.8772,
-47.8513

20.5451, 24.8772,
-47.8513

17.9340, 29.1118,
-58.2600

23.5997, 20.4982,
-38.1574

15.8780, 32.6827,
-68.5051

27.0009, 16.2235,
-29.4529

14.2647, 35.7270,
-78.3650

30.6761, 12.1375,
-21.7037

14.2647, 35.7270,
-78.3652

34.5722, 8.2460,
-14.7711

38.6504, 4.5258,
-8.5016

■ 42.8826, 0.9464,
-2.7592

■ 47.2472, -2.5210,
2.5671

■ 51.7283, -5.9016,
7.5649

■ 56.3129, -9.2156,
12.3027

Harmonies

Analogous

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



20.5454, 3.4607, -68.0761



20.5451, 24.8772, -47.8513



20.5454, 42.6703, -16.7413

Triad

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



20.5454, 24.8777, -47.8505



20.5454, 14.5466, 14.3818



20.5454, -25.7270, -3.4912

Complementary

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



20.5451, 24.8772, -47.8513



43.5836, -19.1701, 23.9092

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.



20.5454, -24.5763, 10.3720



20.5451, 24.8772, -47.8513



20.5454, -5.2897, 14.3818

Square

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



20.5454, 24.8777, -47.8505



20.5454, 35.3869, 13.0619



20.5454, -18.3717, 14.3818



20.5454, -22.3748, -31.2757

Rectangle

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



20.5451, 24.8772, -47.8513



20.5454, 47.4784, -0.6543



20.5454, -18.3717, 14.3818



20.5454, -25.8266, 2.7459

Sweetspot

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



20.5454, 24.8777, -47.8505



50.4787, 6.7219, -12.4622



34.6229, -9.8687, -15.0040



23.4268, 3.7245, -6.8049



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.



20.5454, 24.8777, -47.8505



22.0900, 41.5969, -85.4856



25.2903, 34.9373, -33.3160



20.6610, 0.2977, -1.0760



13.9796, 34.9947, -76.6570

0.0000, NaN, NaN

Inverse Universe

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



26.7883, 35.6099, -11.2691



32.6401, 54.3938, -15.0054



41.2711, -28.3865, 22.1766



20.9555, 1.1946, 0.0968

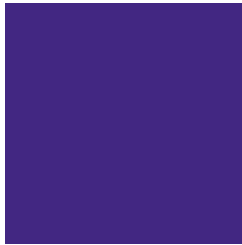


22.9848, 42.5491, -9.8518

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.5451, 24.8772, -47.8513 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 20.5451, 24.8772, -47.8513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

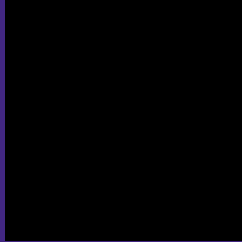
Any Text WCAG AA × Fail

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 20.5451, 24.8772, -47.8513 Background



This preview shows how black text looks on a background with the HunterLab color 20.5451, 24.8772, -47.8513.



This preview shows how white text looks on a background with the HunterLab color 20.5451, 24.8772, -47.8513.

-47.8513.

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

20.5451, 24.8772, -47.8513

Protanopia

20.3967, 5.8220, -38.0621

Deuteranopia

20.5207, -0.5600, -24.4402



Tritanopia

20.5955, -3.2038, -1.7621

Trichromacy



Original Color

20.5451, 24.8772, -47.8513

Protanomaly

19.7622, 11.4130, -43.8426

Deuteranomaly

19.6021, 7.4509, -35.0447

Tritanomaly

19.9737, 6.2152, -15.6385

Monochromacy



Original Color

20.5451, 24.8772, -47.8513

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.7027, 7.2339, -12.9726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5451, 24.8772, -47.8513 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(66, 39, 130)` looks like.

```
.text, #text, p{  
    color:rgb(66, 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(66, 39, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 39, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5451, 24.8772, -47.8513 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(66, 39, 130) }
```


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

```
.border{ border-color:rgb(66, 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(66, 39, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 39, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 39, 130);  
box-shadow:4px 4px 4px 4px rgb(66, 39,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5451, 24.8772, -47.8513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 39, 130) }
```

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

```
.background{ background-color: rgb(66, 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