

Converting Colors

HunterLab(41.2163, -21.6734,
20.1244)

Have a look what the booklet for
HunterLab(41.2163, -21.6734,
20.1244) contains.

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Color

**HunterLab(41.2526,
-21.6927, 20.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	537E35
RGB	83, 126, 53
RGB Percent	33%, 49%, 21%
CMY	0.6745, 0.5059, 0.7921
CMYK	0.34, 0.00, 0.58, 0.51
HSL	95°, 41%, 35%
HSV	95°, 58%, 49%
XYZ	11.6708, 17.0178, 6.0378
YIQ	104.8210, -2.1950, -31.8190

Conversions

Conversions Part 2

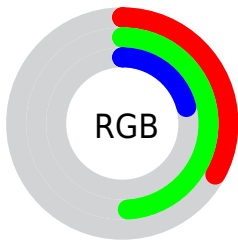
Format	Color
RYB	53, 126, 96
Decimal	5471797
CIELab	48.28, -28.56, 34.56
CIELCh	48, 44.839, 129.569
Yxy	17.0185, 0.3361, 0.4901
Android (android.graphics.Color)	4283661877 (0xFF537E35)
YUV	104.8210, -25.5478, -19.1370
Hunter-Lab	41.2526, -21.6927, 20.1990

Details

The HunterLab color $41.2526, -21.6927, 20.1990$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $25.5732, 24.0948, -29.5852$, and the grayscale version is $37.6123, -2.0069, 2.0435$.

A 20% lighter version of the original color is $61.9277, -26.1963, 25.6660$, and $23.7438, -16.7617, 14.1222$ is the 20% darker color. If you saturate the color by 10%, you get $40.7402, -23.9842, 21.7101$, and if you desaturate by 10%, it is $41.8402, -19.0794, 18.2306$.

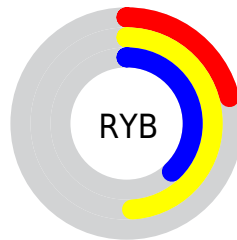
Distribution



Red (33%)

Green (49%)

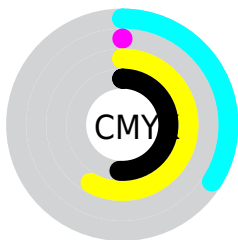
Blue (21%)



Red (21%)

Yellow (49%)

Blue (38%)

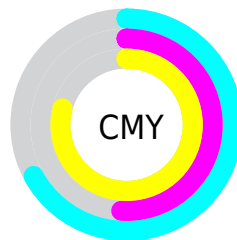


Cyan (34%)

Magenta (0%)

Yellow (58%)

Black (51%)



Cyan (67%)

Magenta (51%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2526, -21.6927, 20.1990 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 41.2526, -21.6927, 20.1990 by changing the saturation by 10% instead.

41.2526, -21.6927,
20.1990

41.2526, -21.6927,
20.1990

153.3881,
-40.3053, 42.1516

32.0120, -19.2706,
17.2240

61.9335, -26.1946,
25.6535

23.5871, -16.6705,
14.0148

73.2766, -28.3278,
28.2027

16.0671, -13.8066,
11.2470

85.2384, -30.4063,
30.6653

9.5780, -13.5128,
6.7046

97.7884, -32.4418,
33.0581

0.0000, NaN, NaN

0.0000, NaN, NaN

110.9002,
-34.4432, 35.3939

0.0000, NaN, NaN

124.5507,

0.0000, NaN, NaN

-36.4175, 37.6829

0.0000, NaN, NaN

138.7194,
-38.3700, 39.9333

■ 41.2526, -21.6927,
20.1990

■ 41.2526, -21.6927,
20.1990

■ 40.7402, -23.9842,
21.7101

■ 41.8402, -19.0794,
18.2306

■ 40.2987, -25.9487,
22.7795

■ 42.5011, -16.1500,
15.7981

■ 39.9264, -27.5917,
23.4370

■ 43.2364, -12.9183,
12.9044

■ 39.6150, -28.9535,
23.7919

■ 44.0455, -9.4008,
9.5596

■ 39.5558, -29.2139,
23.8627

■ 44.9273, -5.6166,
5.7790

■ 45.8804, -1.5861,
1.5825

■ 46.9031, 2.6692,
-3.0070

■ 47.9932, 7.1280,
-7.9646

■ 49.1486, 11.7692,
-13.2646

Harmonies

Analogous

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



41.2535, -7.7013, 23.0943



41.2526, -21.6927, 20.1990



41.2535, -29.4602, 12.0103

Triad

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



41.2535, -21.6936, 20.1993



41.2535, -13.4072, -40.9787



41.2535, 36.9337, 7.2655

Complementary

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



41.2526, -21.6927, 20.1990



25.5732, 24.0948, -29.5852

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.



41.2535, 34.7106, -10.7062



41.2526, -21.6927, 20.1990



41.2535, 3.5984, -44.0341

Square

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



41.2535, -21.6936, 20.1993



41.2535, -25.2646, -24.1067



41.2535, 21.7493, -31.2492



41.2535, 27.3927, 17.9851

Rectangle

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



41.2526, -21.6927, 20.1990



41.2535, -30.9795, 2.4879



41.2535, 21.7493, -31.2492



41.2535, 37.5694, 2.0017

Sweetspot

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



41.2535, -21.6936, 20.1993



58.4957, -12.2105, 12.4271



36.0323, 3.2881, 16.7179



27.8146, -6.1857, 6.2798



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.2535, -21.6936, 20.1993



53.8224, -32.8344, 29.3942



39.9951, -26.6052, 18.0279



22.1321, -2.9992, 3.0835



40.0609, -29.6014, 24.1671

0.0000, NaN, NaN

Inverse Universe

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



25.5732, 24.0948, -29.5852



29.2837, 39.9546, -51.6021



28.8728, 31.4691, -18.0944



20.8015, 0.7754, -0.8877



17.4515, 38.7412, -57.3657

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.2526, -21.6927, 20.1990 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 41.2526, -21.6927, 20.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

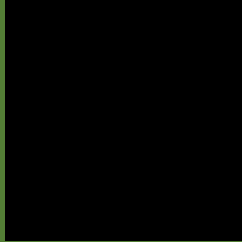
Any Text WCAG AA × Fail

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 41.2526, -21.6927, 20.1990 Background



This preview shows how black text looks on a background with the HunterLab color 41.2526, -21.6927, 20.1990.



This preview shows how white text looks on a background with the HunterLab color 41.2526,

-21.6927, 20.1990.

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

41.2526, -21.6927, 20.1990

Protanopia

40.9492, -4.8626, 20.9404

Deuteranopia

41.0100, 2.4337, 19.5255



Tritanopia

41.1036, -6.8309, -4.2496

Trichromacy



Original Color

41.2526, -21.6927, 20.1990

Protanomaly

40.7022, -11.5432, 20.4827

Deuteranomaly

40.5819, -7.4498, 19.4098

Tritanomaly

40.9731, -13.3136, 7.1985

Monochromacy



Original Color

41.2526, -21.6927, 20.1990

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.7602, -10.1976, 10.2380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2526, -21.6927, 20.1990 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(83, 126, 53)` looks like.

```
.text, #text, p{  
    color:rgb(83, 126, 53)  
}
```

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(83, 126, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 126, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2526, -21.6927, 20.1990 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(83, 126, 53) }
```


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

```
.border{ border-color:rgb(83, 126, 53) }
```

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

Here you see how a box with a 4 pixel rgb(83, 126, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 126, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 126, 53);  
box-shadow:4px 4px 4px 4px rgb(83, 126,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2526, -21.6927, 20.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 126, 53) }
```

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

```
.background{ background-color: rgb(83, 126,  
53) }
```

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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