

Converting Colors

HunterLab(27.7628, -2.7486,
-20.7869)

Have a look what the booklet for
HunterLab(27.7628, -2.7486,
-20.7869) contains.

HunterLab(27.6301, -2.5131, -21.1486)	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(27.6301, -2.5131,
-21.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	255178
RGB	37, 81, 120
RGB Percent	15%, 32%, 47%
CMY	0.8549, 0.6823, 0.5294
CMYK	0.69, 0.32, 0.00, 0.53
HSL	208°, 53%, 31%
HSV	208°, 69%, 47%
XYZ	7.0955, 7.6342, 18.8688
YIQ	72.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

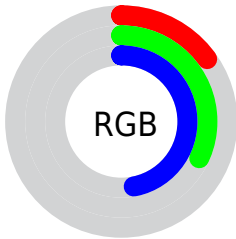
Format	Color
R_{YB}	37, 66, 120
Decimal	2445688
CIE _{Lab}	33.21, -1.58, -26.66
CIE _{LCh}	33, 26.707, 266.617
Yxy	7.6345, 0.2112, 0.2272
Android (android.graphics.Color)	4280635768 (0xFF255178)
YUV	72.2900, 23.5210, -30.9493
Hunter-Lab	27.6301, -2.5131, -21.1486




Details

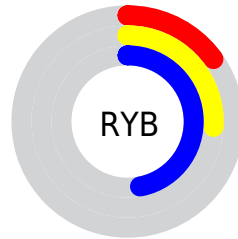
The HunterLab color $[27.6301, -2.5131, -21.1486]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[30.4896, 9.0781, 15.5422]$, and the grayscale version is $[25.4892, -1.3600, 1.3849]$.




A 20% lighter version of the original color is $[46.1061, -3.4913, -22.4909]$, and $[13.3344, 0.7456, -18.2763]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.7764, -1.2606, -25.0113]$, and if you desaturate by 10%, it is $[29.6097, -3.3718, -17.3948]$.

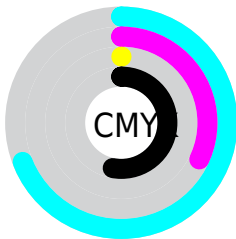
Distribution







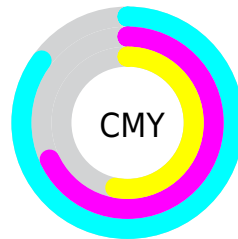
-  Red (15%)
-  Green (32%)
-  Blue (47%)






-  Red (15%)
-  Yellow (26%)
-  Blue (47%)



-  Cyan (69%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (85%)
-  Magenta (68%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6301, -2.5131, -21.1486 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 27.6301, -2.5131, -21.1486 by changing the saturation by 10% instead.

■ 27.6301, -2.5131,
-21.1486

■ 27.6301, -2.5131,
-21.1486

■ 131.4672, -8.7746,
-24.3832

■ 19.6519, -1.9736,
-20.6371

■ 46.0855, -3.6941,
-22.2198

■ 12.6359, -1.4699,
-20.3352

■ 56.4262, -4.3333,
-22.6975

■ 5.9610, -1.4704,
-24.7480

■ 67.4422, -5.0032,
-23.1198

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.0942, -5.7026,
-23.4844

0.0000, NaN, NaN

■ 91.3493, -6.4304,
-23.7913

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.1791, -7.1856,

-24.0420

0.0000, NaN, NaN

117.5590, -7.9672,
-24.2386

■ 27.6301, -2.5131,
-21.1486

■ 27.6301, -2.5131,
-21.1486

■ 25.7764, -1.2606,
-25.0113

■ 29.6097, -3.3718,
-17.3948

■ 24.0572, 0.4092,
-28.9625

■ 31.7033, -3.8715,
-13.7639

■ 22.4475, 2.3922,
-33.0600

■ 33.9008, -4.0497,
-10.2588

■ 22.3144, 2.5608,
-33.4190

■ 36.1927, -3.9434,
-6.8767

■ 38.5703, -3.5867,
-3.6110

■ 41.0258, -3.0103,
-0.4529

■ 43.5526, -2.2412,
2.6074

■ 46.1446, -1.3027,
5.5798

■ 48.7966, -0.2146,
8.4739

Harmonies

Analogous

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



27.6306, -10.5594, -16.5820



27.6301, -2.5131, -21.1486



27.6306, 6.9134, -18.1905

Triad

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



27.6306, -2.5129, -21.1480



27.6306, 16.2035, 8.0364



27.6306, -14.7614, 9.2597

Complementary

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



27.6301, -2.5131, -21.1486



30.4896, 9.0781, 15.5422

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.



27.6306, -8.9699, 12.7228



27.6301, -2.5131, -21.1486



27.6306, 8.9578, 12.1962

Square

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



27.6306, -2.5129, -21.1480



27.6306, 18.5153, 0.4915



27.6306, -0.4231, 13.5887



27.6306, -17.0234, 2.4796

Rectangle

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



27.6301, -2.5131, -21.1486



27.6306, 12.6069, -12.7476



27.6306, -0.4231, 13.5887



27.6306, -13.2032, 10.7526

Sweetspot

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



27.6306, -2.5129, -21.1480



50.4008, -4.8955, -5.7942



37.8742, -24.9237, 12.2731



24.1964, -2.4392, -3.2820



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



27.6306, -2.5129, -21.1480



32.8237, -0.4399, -36.2348



18.0324, 16.9912, -47.0162



20.5243, -1.5027, -0.2146



23.2454, 2.7873, -35.0718



49.0495, 9.3023, -81.3886

Inverse Universe

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



24.3118, 30.0881, -3.4775



29.3356, 46.4015, -2.9363



41.1143, -9.1348, 22.6499



20.1178, 0.9841, 0.4884



21.7999, 39.1501, 0.0006



47.4298, 84.8436, 2.5975

Previews

White Background



This preview shows how the HunterLab color 27.6301, -2.5131, -21.1486 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 27.6301, -2.5131, -21.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

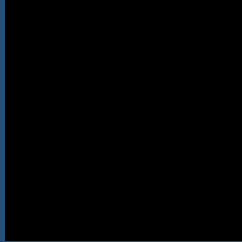
Any Text WCAG AA × Fail

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 27.6301, -2.5131, -21.1486 Background



This preview shows how black text looks on a background with the HunterLab color 27.6301, -2.5131, -21.1486.



This preview shows how white text looks on a background with the HunterLab color 27.6301, -2.5131, -21.1486.

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

27.6301, -2.5131, -21.1486

Protanopia

27.6744, 2.6580, -18.2998

Deuteranopia

27.6948, 1.8488, -21.6282



Tritanopia

27.5047, -12.2137, -5.5892

Trichromacy



Original Color

27.6301, -2.5131, -21.1486

Protanomaly

27.4179, 0.5638, -19.4887

Deuteranomaly

27.6141, 0.2450, -21.8190

Tritanomaly

27.4119, -8.9314, -11.0199

Monochromacy



Original Color

27.6301, -2.5131, -21.1486

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.8519, -2.9642, -5.7978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6301, -2.5131, -21.1486 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(37, 81, 120)` looks like.

```
.text, #text, p{  
    color:rgb(37, 81, 120)  
}
```

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(37, 81, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 81, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6301, -2.5131, -21.1486 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(37, 81, 120) }
```


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

```
.border{ border-color:rgb(37, 81, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 81, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 81, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 81, 120);  
box-shadow:4px 4px 4px 4px rgb(37, 81,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.6301, -2.5131, -21.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 81, 120) }
```

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

```
.background{ background-color: rgb(37, 81,  
120) }
```

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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