

Converting Colors

HunterLab(37.7745, -5.0748,
-12.8766)

Have a look what the booklet for
HunterLab(37.7745, -5.0748,
-12.8766) contains.

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Color

**HunterLab(37.7681, -5.1150,
-12.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6D87
RGB	77, 109, 135
RGB Percent	30%, 43%, 53%
CMY	0.6980, 0.5725, 0.4706
CMYK	0.43, 0.19, 0.00, 0.47
HSL	207°, 27%, 42%
HSV	207°, 43%, 53%
XYZ	12.9023, 14.2643, 24.9949
YIQ	102.3960, -27.4180, 1.3020

Conversions

Conversions Part 2

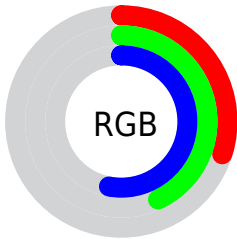
Format	Color
RYB	77, 98, 135
Decimal	5074311
CIELab	44.61, -4.28, -17.96
CIELCh	45, 18.463, 256.596
Yxy	14.2648, 0.2474, 0.2735
Android (android.graphics.Color)	4283264391 (0xFF4D6D87)
YUV	102.3960, 16.0738, -22.2723
Hunter-Lab	37.7681, -5.1150, -12.8004

Details

The HunterLab color $[37.7681, -5.1150, -12.8004]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[39.2269, 4.9872, 13.6459]$, and the grayscale version is $[36.5498, -1.9502, 1.9858]$.

A 20% lighter version of the original color is $[57.8270, -6.4290, -13.2605]$, and $[20.7864, -3.8445, -11.7728]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.3741, -4.8809, -16.7072]$, and if you desaturate by 10%, it is $[40.2764, -5.0004, -9.0122]$.

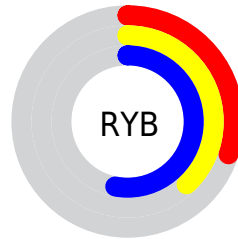
Distribution



Red (30%)

Green (43%)

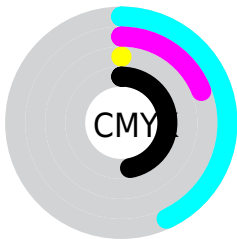
Blue (53%)



Red (30%)

Yellow (38%)

Blue (53%)

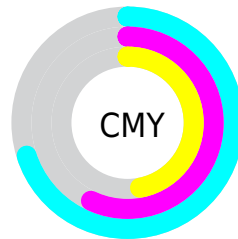


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7681, -5.1150, -12.8004 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 37.7681, -5.1150, -12.8004 by changing the saturation by 10% instead.

■ 37.7681, -5.1150,
-12.8004

■ 37.7681, -5.1150,
-12.8004

147.9433,
-12.8335, -13.1660

■ 28.8186, -4.3609,
-12.4454

■ 57.9294, -6.6814,
-13.2986

■ 20.7142, -3.6217,
-12.0278

■ 69.0367, -7.4959,
-13.4476

■ 13.5555, -2.8903,
-11.5810

■ 80.7750, -8.3319,
-13.5347

■ 7.1442, -2.9921,
-12.2906

■ 93.1122, -9.1895,
-13.5637

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.0205,
-10.0687, -13.5383

0.0000, NaN, NaN

119.4757,

0.0000, NaN, NaN

-10.9693, -13.4616

0.0000, NaN, NaN

133.4563,
-11.8910, -13.3367

■ 37.7681, -5.1150,
-12.8004

■ 37.7681, -5.1150,
-12.8004

■ 35.3741, -4.8809,
-16.7072

■ 40.2764, -5.0004,
-9.0122

■ 33.1030, -4.2556,
-20.7314

■ 42.8868, -4.5766,
-5.3424

■ 30.9669, -3.1993,
-24.8612

■ 45.5910, -3.8806,
-1.7844

■ 28.9764, -1.6795,
-29.0760

■ 48.3807, -2.9451,
1.6699

■ 27.1398, 0.3186,
-33.3466

■ 51.2490, -1.7988,
5.0295

■ 25.9071, 1.8899,
-36.4613

■ 54.1893, -0.4667,
8.3036

■ 57.1962, 1.0300,
11.5011

■ 60.2648, 2.6728,
14.6306

■ 63.3907, 4.4460,
17.6998

Harmonies

Analogous

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



37.7688, -10.9062, -8.5900



37.7681, -5.1150, -12.8004



37.7688, 1.9418, -12.5444

Triad

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



37.7688, -5.1152, -12.7997



37.7688, 11.9037, 5.5639



37.7688, -11.3892, 9.9015

Complementary

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



37.7681, -5.1150, -12.8004



39.2269, 4.9872, 13.6459

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.



37.7688, -5.8197, 12.4622



37.7681, -5.1150, -12.8004



37.7688, 7.7783, 10.2913

Square

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



37.7688, -5.1152, -12.7997



37.7688, 12.1272, -1.0643



37.7688, 1.1839, 12.5903



37.7688, -14.3448, 4.9306

Rectangle

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



37.7681, -5.1150, -12.8004



37.7688, 6.4279, -9.8610



37.7688, 1.1839, 12.5903



37.7688, -9.7799, 11.0293

Sweetspot

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



37.7688, -5.1152, -12.7997



60.8889, -5.2290, -2.5425



44.5735, -21.4192, 10.3237



28.9543, -2.6166, -1.6705



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.7688, -5.1152, -12.7997



47.2744, -6.5200, -22.4653



30.3192, 7.9736, -26.0022



22.2233, -1.6896, -0.2108



24.9317, 1.7185, -34.8722



1.9008, -0.5804, -1.1230

Inverse Universe

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



34.0047, 21.3634, -3.8996



41.6934, 36.0701, -6.2395



46.8566, -7.8446, 19.8507



21.7451, 1.1186, 0.4653



22.8352, 41.1407, -1.0178



1.3978, 2.6143, -0.8066

Previews

White Background



This preview shows how the HunterLab color 37.7681, -5.1150, -12.8004 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 37.7681, -5.1150, -12.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

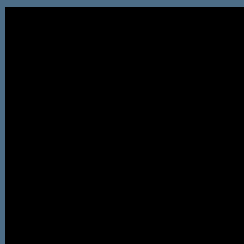
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

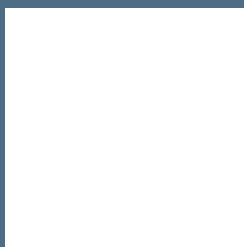
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.7681, -5.1150, -12.8004 Background



This preview shows how black text looks on a background with the HunterLab color 37.7681, -5.1150, -12.8004.



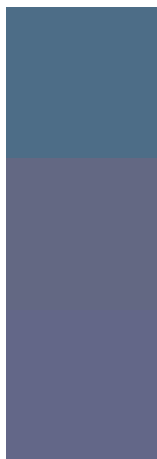
This preview shows how white text looks on a background with the HunterLab color 37.7681, -5.1150, -12.8004.

-12.8004.

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

37.7681, -5.1150, -12.8004

Protanopia

37.6722, 1.3217, -10.5580

Deuteranopia

37.5908, 2.7832, -13.5260



Tritanopia

37.9279, -9.9312, -5.0803

Trichromacy



Original Color

37.7681, -5.1150, -12.8004

Protanomaly

37.6804, -1.3571, -11.1543

Deuteranomaly

37.5565, -0.0875, -13.6311

Tritanomaly

37.8564, -8.3728, -7.7340

Monochromacy



Original Color

37.7681, -5.1150, -12.8004

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.9394, -3.7431, -2.8555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7681, -5.1150, -12.8004 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, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(77, 109, 135)  
}
```

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, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 109, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7681, -5.1150, -12.8004 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, 109, 135) }
```


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

```
.border{ border-color:rgb(77, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(77, 109,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7681, -5.1150, -12.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 109, 135) }
```

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

```
.background{ background-color: rgb(77, 109,  
135) }
```

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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