

Converting Colors

HunterLab(42.7484, 2.0813,
-37.2820)

Have a look what the booklet for
HunterLab(42.7484, 2.0813,
-37.2820) contains.

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Color

**HunterLab(42.7484, 2.0813,
-37.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	4D77B9
RGB	77, 119, 185
RGB Percent	30%, 47%, 73%
CMY	0.6980, 0.5333, 0.2745
CMYK	0.58, 0.36, 0.00, 0.27
HSL	217°, 44%, 51%
HSV	217°, 58%, 73%
XYZ	18.4144, 18.2743, 48.4558
YIQ	113.9660, -46.2180, 11.6220

Conversions

Conversions Part 2

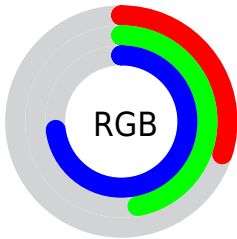
Format	Color
R_{YB}	77, 107, 185
Decimal	5076921
CIE _{Lab}	49.83, 5.58, -39.20
CIE _{LCh}	50, 39.595, 278.104
Yxy	18.2749, 0.2163, 0.2146
Android (android.graphics.Color)	4283267001 (0xFF4D77B9)
YUV	113.9660, 35.0198, -32.4192
Hunter-Lab	42.7484, 2.0813, -37.2820

Details

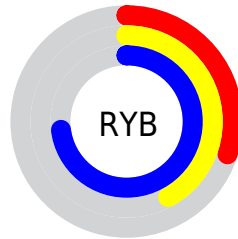
The HunterLab color $42.7484, 2.0813, -37.2820$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $55.2237, 4.1118, 26.5613$, and the grayscale version is $40.8910, -2.1818, 2.2217$.

A 20% lighter version of the original color is $63.6750, 1.4622, -38.2264$, and $24.7895, 2.3423, -36.0411$ is the 20% darker color. If you saturate the color by 10%, you get $38.8312, 4.9602, -46.0677$, and if you desaturate by 10%, it is $46.9149, -0.0985, -29.0996$.

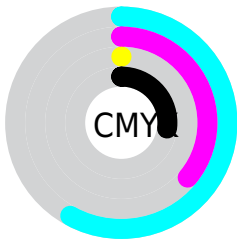
Distribution



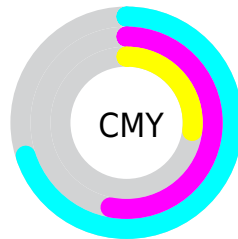
- Red (30%)
- Green (47%)
- Blue (73%)



- Red (30%)
- Yellow (42%)
- Blue (73%)



- Cyan (58%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7484, 2.0813, -37.2820 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 42.7484, 2.0813, -37.2820 by changing the saturation by 10% instead.

■ 42.7484, 2.0813,
-37.2820

■ 42.7484, 2.0813,
-37.2820

■ 155.6971, -1.6758,
-42.2514

■ 33.3879, 2.2505,
-36.6961

■ 63.6437, 1.5621,
-38.5996

■ 24.8317, 2.3468,
-36.3010

■ 75.0845, 1.2239,
-39.2465

■ 17.1650, 2.3563,
-36.3799

■ 87.1391, 0.8394,
-39.8600

■ 10.5062, 2.2565,
-37.7327

■ 99.7774, 0.4120,
-40.4319

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.9739, -0.0554,
-40.9581

0.0000, NaN, -NF

126.7057, -0.5605,

0.0000, NaN, NaN

-41.4370

0.0000, NaN, NaN

140.9528, -1.1012,
-41.8680

■ 42.7484, 2.0813,
-37.2820

■ 42.7484, 2.0813,
-37.2820

■ 38.8312, 4.9602,
-46.0677

■ 46.9149, -0.0985,
-29.0996

■ 35.2010, 8.6343,
-55.4678

■ 51.2950, -1.6811,
-21.4751

■ 31.9030, 13.1694,
-65.4124

■ 55.8617, -2.7588,
-14.3428

■ 28.9658, 18.5057,
-75.7788

■ 60.5924, -3.4114,
-7.6358

■ 28.5131, 19.4072,
-77.5335

■ 65.4684, -3.7056,
-1.2914

■ 70.4745, -3.6963,
4.7463

■ 75.5982, -3.4285,
10.5253

■ 80.8288, -2.9390,
16.0865

■ 86.1576, -2.2580,
21.4644

Harmonies

Analogous

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



42.7491, -13.0273, -34.0837



42.7484, 2.0813, -37.2820



42.7491, 18.1130, -27.2113

Triad

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



42.7491, 2.0816, -37.2810



42.7491, 24.3286, 16.5888



42.7491, -26.9654, 11.7577

Complementary

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



42.7484, 2.0813, -37.2820



55.2237, 4.1118, 26.5613

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.



42.7491, -19.4526, 19.3867



42.7484, 2.0813, -37.2820



42.7491, 9.6393, 21.3876

Square

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



42.7491, 2.0816, -37.2810



42.7491, 32.1203, 6.2016



42.7491, -6.4798, 22.1827



42.7491, -28.3813, -1.9481

Rectangle

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



42.7484, 2.0813, -37.2820



42.7491, 26.6696, -15.9205



42.7491, -6.4798, 22.1827



42.7491, -25.1280, 14.9480

Sweetspot

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



42.7491, 2.0816, -37.2810



81.1415, -4.5705, -10.1478



61.8250, -35.2122, 13.0124



36.8137, -2.0299, -5.8925



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



42.7491, 2.0816, -37.2810



50.5808, 7.8877, -65.0531



32.9796, 25.7313, -61.7447



30.4580, -1.7298, -0.8830



23.8081, 15.3486, -62.8912



5.6685, 0.4347, -8.0234

Inverse Universe

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



41.1763, 40.6171, 0.9526



49.9065, 65.2870, 3.7073



66.5252, -19.3160, 34.3959



30.1139, 1.5093, 1.1694



27.1193, 47.6647, 8.0501



5.2109, 9.3833, -0.1955

Previews

White Background



This preview shows how the HunterLab color 42.7484, 2.0813, -37.2820 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 42.7484, 2.0813, -37.2820 looks on a black 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

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

HunterLab 42.7484, 2.0813, -37.2820 Background



This preview shows how black text looks on a background with the HunterLab color 42.7484, 2.0813, -37.2820.



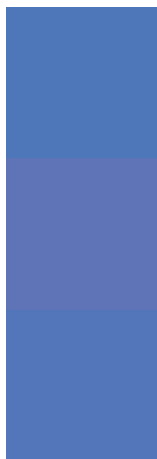
This preview shows how white text looks on a background with the HunterLab color 42.7484, 2.0813, -37.2820.

-37.2820.

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

42.7484, 2.0813, -37.2820

Protanopia

42.7175, 5.9124, -34.9995

Deuteranopia

42.7241, 3.4238, -37.3095



Tritanopia

42.6638, -15.5672, -7.9284

Trichromacy



Original Color

42.7484, 2.0813, -37.2820

Protanomaly

42.6804, 4.4919, -35.8560

Deuteranomaly

42.6206, 3.0771, -37.5341

Tritanomaly

42.6513, -9.7108, -17.6109

Monochromacy



Original Color

42.7484, 2.0813, -37.2820

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.4137, -2.0206, -10.0371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7484, 2.0813, -37.2820 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, 119, 185)` looks like.

```
.text, #text, p{  
    color:rgb(77, 119, 185)  
}
```

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, 119, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 119, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7484, 2.0813, -37.2820 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, 119, 185) }
```


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

```
.border{ border-color:rgb(77, 119, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 119, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 119, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 119, 185);  
box-shadow:4px 4px 4px 4px rgb(77, 119,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7484, 2.0813, -37.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 119, 185) }
```

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

```
.background{ background-color: rgb(77, 119,  
185) }
```

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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