

Converting Colors

HunterLab(41.5741, 23.0720,
-37.8744)

Have a look what the booklet for
HunterLab(41.5741, 23.0720,
-37.8744) contains.

HunterLab(41.5681, 23.0600, -37.8816)	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(41.5681, 23.0600,
-37.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	8264B7
RGB	130, 100, 183
RGB Percent	51%, 39%, 72%
CMY	0.4902, 0.6078, 0.2824
CMYK	0.29, 0.45, 0.00, 0.28
HSL	262°, 37%, 55%
HSV	262°, 45%, 72%
XYZ	22.3104, 17.2791, 46.9590
YIQ	118.4320, -8.7630, 32.1730

Conversions

Conversions Part 2

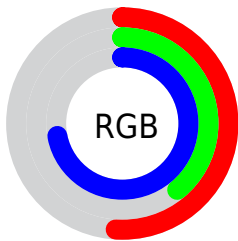
Format	Color
R _Y B	130, 100, 183
Decimal	8545463
CIE Lab	48.61, 29.94, -39.71
CIE LCh	49, 49.732, 307.017
Yxy	17.2797, 0.2578, 0.1996
Android (android.graphics.Color)	4286735543 (0xFF8264B7)
YUV	118.4320, 31.8320, 10.1451
Hunter-Lab	41.5681, 23.0600, -37.8816

Details

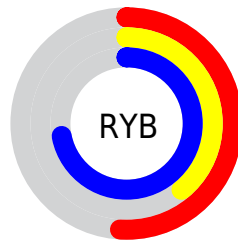
The HunterLab color $41.5681, 23.0600, -37.8816$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $64.4668, -23.1862, 28.2293$, and the grayscale version is $42.6145, -2.2738, 2.3153$.

A 20% lighter version of the original color is $62.1928, 25.0649, -39.0881$, and $23.7921, 20.8768, -36.7299$ is the 20% darker color. If you saturate the color by 10%, you get $36.4452, 29.5556, -49.9072$, and if you desaturate by 10%, it is $47.0854, 16.7851, -27.1046$.

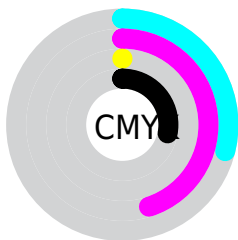
Distribution



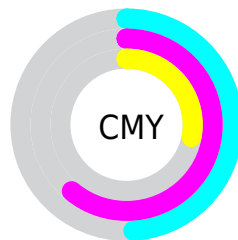
- Red (51%)
- Green (39%)
- Blue (72%)



- Red (51%)
- Yellow (39%)
- Blue (72%)



- Cyan (29%)
- Magenta (45%)
- Yellow (0%)
- Black (28%)



- Cyan (49%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5681, 23.0600, -37.8816 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 41.5681, 23.0600, -37.8816 by changing the saturation by 10% instead.

41.5681, 23.0600,
-37.8816

41.5681, 23.0600,
-37.8816

153.8763, 28.5732,
-42.9586

32.3019, 21.9599,
-37.3166

62.2945, 24.8986,
-39.2000

23.8490, 20.7231,
-36.9776

73.6585, 25.6618,
-39.8572

16.2977, 19.3427,
-37.1941

85.6400, 26.3340,
-40.4840

9.7723, 17.8520,
-38.9253

98.2087, 26.9234,
-41.0711

0.0000, INF, -NF

0.0000, NaN, -NF

111.3385, 27.4365,
-41.6137

0.0000, NaN, -NF

125.0063, 27.8793,

0.0000, NaN, NaN

-42.1095

0.0000, NaN, NaN

139.1916, 28.2568,
-42.5578

■ 41.5681, 23.0600,
-37.8816

■ 41.5681, 23.0600,
-37.8816

■ 36.4452, 29.5556,
-49.9072

■ 47.0854, 16.7851,
-27.1046

■ 31.8146, 36.1504,
-63.2530

■ 52.9208, 10.7498,
-17.3942

■ 27.8092, 42.5014,
-77.6349

■ 59.0210, 4.9295,
-8.5495

■ 24.5859, 47.9102,
-92.0491

■ 65.3459, -0.7120,
-0.3948

■ 22.2822, 51.3734,
-104.5776

■ 71.8652, -6.2109,
7.2135

■ 21.4063, 52.6300,
-109.9731

■ 78.5556, -11.5990,
14.3896

■ 85.3988, -16.9031,
21.2230

■ 92.3801, -22.1446,
27.7837

■ 96.2446, -22.6067,
31.3113

Harmonies

Analogous

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



41.5689, 2.4965, -51.5502



41.5681, 23.0600, -37.8816



41.5689, 38.5946, -14.3597

Triad

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



41.5689, 23.0596, -37.8803



41.5689, 13.5851, 23.6148



41.5689, -33.4660, -2.3715

Complementary

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



41.5681, 23.0600, -37.8816



64.4668, -23.1862, 28.2293

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.



41.5689, -31.5984, 13.9923



41.5681, 23.0600, -37.8816



41.5689, -6.7356, 24.4632

Square

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



41.5689, 23.0596, -37.8803



41.5689, 32.4535, 18.6062



41.5689, -22.6090, 21.9462



41.5689, -28.2910, -25.7125

Rectangle

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



41.5681, 23.0600, -37.8816



41.5689, 42.6396, 0.3482



41.5689, -22.6090, 21.9462



41.5689, -33.6226, 4.0903

Sweetspot

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



41.5689, 23.0596, -37.8803



79.9224, 5.7383, -10.1741



54.0587, -10.8959, -16.0154



36.7183, 3.4723, -5.9291



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.



41.5689, 23.0596, -37.8803



49.0769, 39.1469, -66.0067



45.9796, 35.2300, -28.8197



29.7880, 0.7197, -1.6943



17.9787, 44.0548, -91.2167



3.8666, 8.7961, -14.3575

Inverse Universe

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



46.3487, 33.7943, -9.4003



57.2207, 55.3458, -14.7618



61.8561, -33.2951, 25.9756



30.1764, 1.8446, 0.2807



28.1606, 51.4469, -6.7722



5.3941, 10.0418, -2.7487

Previews

White Background



This preview shows how the HunterLab color 41.5681, 23.0600, -37.8816 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 41.5681, 23.0600, -37.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

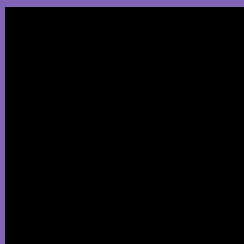
Any Text WCAG AA × Fail

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 41.5681, 23.0600, -37.8816 Background



This preview shows how black text looks on a background with the HunterLab color 41.5681, 23.0600, -37.8816.



This preview shows how white text looks on a background with the HunterLab color 41.5681, 23.0600, -37.8816.

-37.8816.

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

41.5681, 23.0600, -37.8816

Protanopia

41.8327, 8.5008, -47.2497

Deuteranopia

41.6540, 3.5921, -35.7321



Tritanopia

41.6128, 0.3731, -1.0511

Trichromacy



Original Color

41.5681, 23.0600, -37.8816

Protanomaly

41.3997, 13.4041, -44.8453

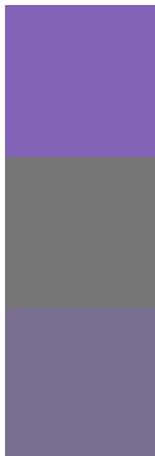
Deuteranomaly

41.4013, 9.7327, -36.9232

Tritanomaly

41.3753, 7.8604, -12.7538

Monochromacy



Original Color

41.5681, 23.0600, -37.8816

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

41.7845, 6.3047, -10.4547

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5681, 23.0600, -37.8816 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(130, 100, 183)` looks like.

```
.text, #text, p{  
    color:rgb(130, 100, 183)  
}
```

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(130, 100, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 100, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5681, 23.0600, -37.8816 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(130, 100, 183) }
```


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

```
.border{ border-color:rgb(130, 100, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 100, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 100, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 100, 183);  
box-shadow:4px 4px 4px 4px rgb(130, 100,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5681, 23.0600, -37.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 100, 183) }
```

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

```
.background{ background-color: rgb(130,  
100, 183) }
```

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