

Converting Colors

HunterLab(21.7396, 30.3289,
-91.1501)

Have a look what the booklet for
HunterLab(21.7396, 30.3289,
-91.1501) contains.

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Color

**HunterLab(21.7396, 30.3290,
-91.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	092BAB
RGB	9, 43, 171
RGB Percent	4%, 17%, 67%
CMY	0.9646, 0.8314, 0.3294
CMYK	0.95, 0.75, 0.00, 0.33
HSL	227°, 90%, 35%
HSV	227°, 95%, 67%
XYZ	8.3272, 4.7261, 39.0014
YIQ	47.4260, -61.3520, 32.6000

Conversions

Conversions Part 2

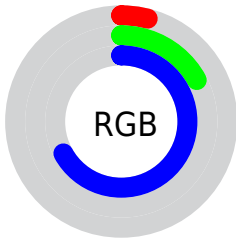
Format	Color
R _Y B	9, 37, 171
Decimal	601003
CIE Lab	25.94, 41.30, -69.73
CIE LCh	26, 81.040, 300.637
Yxy	4.7262, 0.1600, 0.0908
Android (android.graphics.Color)	4278791083 (0xFF092BAB)
YUV	47.4260, 60.9220, -33.6996
Hunter-Lab	21.7396, 30.3290, -91.1501

Details

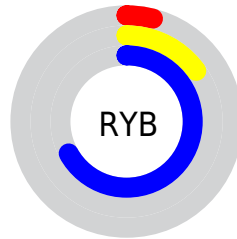
The HunterLab color **21.7396, 30.3290, -91.1501** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **51.5544, -0.9102, 31.4534**, and the grayscale version is **16.8229, -0.8976, 0.9140**.

A 20% lighter version of the original color is **38.9604, 33.9670, -87.0967**, and **11.6167, 29.5089, -78.2212** is the 20% darker color. If you saturate the color by 10%, you get **20.4784, 33.6979, -98.3403**, and if you desaturate by 10%, it is **24.5761, 23.9522, -77.3867**.

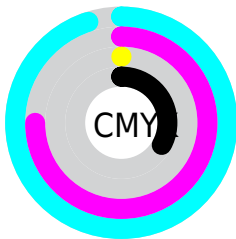
Distribution



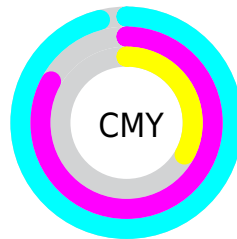
- Red (4%)
- Green (17%)
- Blue (67%)



- Red (4%)
- Yellow (15%)
- Blue (67%)



- Cyan (95%)
- Magenta (75%)
- Yellow (0%)
- Black (33%)



- Cyan (96%)
- Magenta (83%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7396, 30.3290, -91.1501 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 21.7396, 30.3290, -91.1501 by changing the saturation by 10% instead.

■ 21.7396, 30.3290, -91.1501	■ 21.7396, 30.3290, -91.1501
121.3046, 41.6904, -89.7356	■ 14.4482, 28.5666, -98.4400
■ 39.0183, 33.6322, -86.4417	■ 8.1092, 27.7876, -118.1373
■ 48.8391, 35.1028, -86.0084	0.0000, INF, -NF
■ 59.3685, 36.4540, -86.1340	0.0000, NaN, -NF
■ 70.5617, 37.6934, -86.5898	0.0000, NaN, -NF
■ 82.3814, 38.8293, -87.2445	0.0000, NaN, NaN
■ 94.7961, 39.8695,	0.0000, NaN, NaN

-88.0180

0.0000, NaN, NaN

107.7784, 40.8210,
-88.8594

21.7396, 30.3290,
-91.1501

21.7396, 30.3290,
-91.1501

20.4784, 33.6979,
-98.3403

24.5761, 23.9522,
-77.3867

28.0043, 18.2285,
-63.9957

31.9072, 13.3586,
-51.6983

36.1875, 9.3091,
-40.6636

40.7711, 5.9625,
-30.8010

■ 45.6033, 3.1900,
-21.9352

■ 50.6433, 0.8782,
-13.8849

■ 55.8608, -1.0654,
-6.4910

■ 61.2324, -2.7134,
0.3776

Harmonies

Analogous

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



21.7397, -0.6068, -118.6286



21.7396, 30.3290, -91.1501



21.7397, 61.1598, -36.9977

Triad

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



21.7397, 30.3312, -91.1498



21.7397, 28.8995, 15.2178



21.7397, -31.8760, 0.6520

Complementary

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



21.7396, 30.3290, -91.1501



51.5544, -0.9102, 31.4534

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.



21.7397, -29.7015, 14.2669



21.7396, 30.3290, -91.1501



21.7397, -1.7100, 15.2178

Square

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



21.7397, 30.3312, -91.1498



21.7397, 60.0968, 14.5646



21.7397, -21.1041, 15.2178



21.7397, -29.4950, -39.2105

Rectangle

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



21.7396, 30.3290, -91.1501



21.7397, 72.6214, -7.9779



21.7397, -21.1041, 15.2178



21.7397, -31.6606, 7.5453

Sweetspot

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



21.7397, 30.3312, -91.1498



65.1971, 2.2795, -22.5360



55.6409, -36.0548, 8.8713



29.4528, 1.6998, -12.7978



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



21.7397, 30.3312, -91.1498



26.9465, 46.6585, -134.4029



19.8654, 46.2845, -101.9393



28.3184, -0.9588, -1.3113



17.9598, 28.6591, -84.3150



4.0760, 1.9054, -9.2080

Inverse Universe

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



30.0473, 50.3605, 14.8873



39.6325, 68.3800, 21.6700



57.8912, -30.1275, 34.8793



28.3581, 1.1788, 1.6885



25.7462, 44.4868, 13.5698



4.3831, 7.7468, 0.9669

Previews

White Background



This preview shows how the HunterLab color 21.7396, 30.3290, -91.1501 looks on a white background.

Color Contrast Check

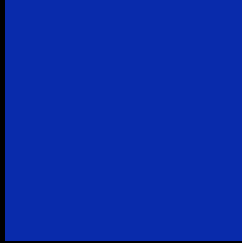
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7396, 30.3290, -91.1501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

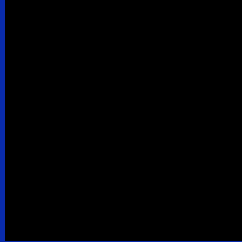
Any Text WCAG AA × Fail

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 21.7396, 30.3290, -91.1501 Background



This preview shows how black text looks on a background with the HunterLab color 21.7396, 30.3290, -91.1501.



This preview shows how white text looks on a background with the HunterLab color 21.7396, 30.3290, -91.1501.

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

21.7396, 30.3290, -91.1501

Protanopia

21.7080, 5.7357, -39.5150

Deuteranopia

21.7447, -1.2180, -24.5497

Trichromacy



Original Color

21.7396, 30.3290, -91.1501

Protanomaly

21.4725, 14.2893, -57.1811

Deuteranomaly

21.1173, 9.3743, -46.1185

Monochromacy



Original Color

21.7396, 30.3290, -91.1501

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.4643, 5.5779, -23.5152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7396, 30.3290, -91.1501 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(9, 43, 171)` looks like.

```
.text, #text, p{  
    color:rgb(9, 43, 171)  
}
```

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(9, 43, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 43, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7396, 30.3290, -91.1501 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(9, 43, 171) }
```

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

```
.border{ border-color:rgb(9, 43, 171) }
```

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

Here you see how a box with a 4 pixel rgb(9, 43, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 43, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 43, 171);  
box-shadow:4px 4px 4px 4px rgb(9, 43, 171)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 21.7396, 30.3290, -91.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 43, 171) }
```

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

```
.background{ background-color: rgb(9, 43,  
171) }
```

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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