

Converting Colors

HunterLab(21.6255, 3.2013,
-31.9192)

Have a look what the booklet for
HunterLab(21.6255, 3.2013,
-31.9192) contains.

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Color

**HunterLab(21.6255, 3.2013,
-31.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3D74
RGB	12, 61, 116
RGB Percent	5%, 24%, 45%
CMY	0.9529, 0.7608, 0.5451
CMYK	0.90, 0.47, 0.00, 0.55
HSL	212°, 81%, 25%
HSV	212°, 90%, 45%
XYZ	4.9728, 4.6766, 17.1636
YIQ	52.6190, -46.8590, 6.7170

Conversions

Conversions Part 2

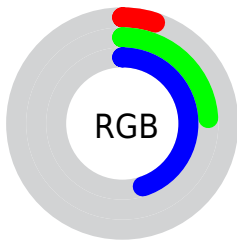
Format	Color
R_{YB}	12, 45, 116
Decimal	802164
CIE Lab	25.79, 6.87, -35.98
CIE LCh	26, 36.631, 280.803
Yxy	4.6768, 0.1855, 0.1744
Android (android.graphics.Color)	4278992244 (0xFF0C3D74)
YUV	52.6190, 31.2468, -35.6229
Hunter-Lab	21.6255, 3.2013, -31.9192

Details

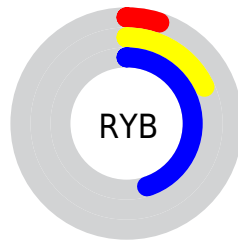
The HunterLab color **21.6255, 3.2013, -31.9192** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.8484, 10.7270, 16.6065**, and the grayscale version is **18.6503, -0.9951, 1.0133**.

A 20% lighter version of the original color is **38.9454, 3.2747, -33.0891**, and **9.3327, 7.4990, -27.8532** is the 20% darker color. If you saturate the color by 10%, you get **19.9580, 5.4759, -36.6922**, and if you desaturate by 10%, it is **23.4114, 1.2332, -27.3979**.

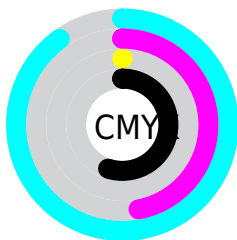
Distribution



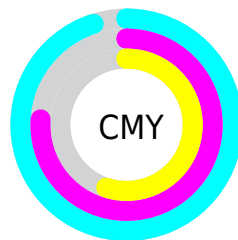
- Red (5%)
- Green (24%)
- Blue (45%)



- Red (5%)
- Yellow (18%)
- Blue (45%)



- Cyan (90%)
- Magenta (47%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6255, 3.2013, -31.9192 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 21.6255, 3.2013, -31.9192 by changing the saturation by 10% instead.

■ 21.6255, 3.2013,
-31.9192

■ 21.6255, 3.2013,
-31.9192

■ 121.1024, 1.0717,
-36.7386

■ 14.3488, 3.0789,
-32.0537

■ 38.8799, 3.1570,
-32.8698

■ 8.0084, 3.3080,
-34.4959

■ 48.6899, 3.0205,
-33.5010

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.2092, 2.8213,
-34.1351

0.0000, NaN, NaN

■ 70.3930, 2.5658,
-34.7441

0.0000, NaN, NaN

■ 82.2037, 2.2594,
-35.3141

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.6099, 1.9060,

-35.8382

0.0000, NaN, NaN

107.5841, 1.5092,
-36.3134

21.6255, 3.2013,
-31.9192

21.6255, 3.2013,
-31.9192

19.9580, 5.4759,
-36.6922

23.4114, 1.2332,
-27.3979

19.8997, 5.5578,
-36.8705

25.3433, -0.3078,
-23.0446

27.4073, -1.4517,
-18.8815

29.5898, -2.2390,
-14.9142

31.8778, -2.7124,
-11.1362

■ 34.2604, -2.9125,
-7.5344

■ 36.7278, -2.8754,
-4.0923

■ 39.2717, -2.6329,
-0.7928

■ 41.8849, -2.2121,
2.3813

Harmonies

Analogous

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



21.6258, -8.0336, -30.1284



21.6255, 3.2013, -31.9192



21.6258, 15.5001, -21.9371

Triad

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



21.6258, 3.2019, -31.9186



21.6258, 18.5290, 10.9802



21.6258, -18.4932, 7.0731

Complementary

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



21.6255, 3.2013, -31.9192



27.8484, 10.7270, 16.6065

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.



21.6258, -13.9234, 11.8876



21.6255, 3.2013, -31.9192



21.6258, 6.7077, 13.2448

Square

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



21.6258, 3.2019, -31.9186



21.6258, 25.5140, 4.7996



21.6258, -5.1922, 13.5108



21.6258, -19.0415, -3.2058

Rectangle

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



21.6255, 3.2013, -31.9192



21.6258, 22.0566, -11.9978



21.6258, -5.1922, 13.5108



21.6258, -17.4304, 9.2007

Sweetspot

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



21.6258, 3.2019, -31.9186



46.0564, -3.8752, -9.0782



35.9992, -26.4404, 13.2969



22.0814, -1.8824, -5.0312



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



21.6258, 3.2019, -31.9186



25.8985, 8.3461, -50.3876



12.7104, 26.3649, -68.7820



19.6162, -1.2998, -0.2981



20.9934, 6.0620, -39.3260



44.4843, 17.1960, -92.7228

Inverse Universe

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



20.7682, 33.9311, 0.7873



26.4200, 46.9609, 3.7708



40.1408, -11.1649, 24.0248



19.3052, 0.8806, 0.5979



21.1398, 37.6313, 2.5839



46.4834, 82.4041, 8.3321

Previews

White Background



This preview shows how the HunterLab color 21.6255, 3.2013, -31.9192 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 21.6255, 3.2013, -31.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

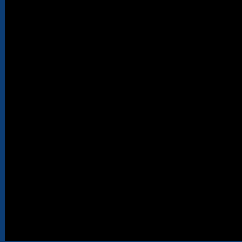
Any Text WCAG AA × Fail

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 21.6255, 3.2013, -31.9192 Background



This preview shows how black text looks on a background with the HunterLab color 21.6255, 3.2013, -31.9192.



This preview shows how white text looks on a background with the HunterLab color 21.6255, 3.2013, -31.9192.

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

21.6255, 3.2013, -31.9192

Protanopia

21.5637, 5.2825, -30.3916

Deuteranopia

21.6352, 0.0244, -27.0947



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.6255, 3.2013, -31.9192

Protanomaly

21.6245, 4.3482, -31.0699

Deuteranomaly

21.5428, 1.2214, -28.8932

Tritanomaly

21.2783, -5.8332, -13.3253

Monochromacy



Original Color

21.6255, 3.2013, -31.9192

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.3964, -1.5685, -8.9759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6255, 3.2013, -31.9192 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(12, 61, 116)` looks like.

```
.text, #text, p{  
    color:rgb(12, 61, 116)  
}
```

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(12, 61, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 61, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6255, 3.2013, -31.9192 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(12, 61, 116) }
```


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

```
.border{ border-color:rgb(12, 61, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 61, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 61, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 61, 116);  
box-shadow:4px 4px 4px 4px rgb(12, 61,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.6255, 3.2013, -31.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 61, 116) }
```

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

```
.background{ background-color: rgb(12, 61,  
116) }
```

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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