

Converting Colors

HunterLab(21.2804, -0.1774,
-16.6584)

Have a look what the booklet for
HunterLab(21.2804, -0.1774,
-16.6584) contains.

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Color

**HunterLab(21.2202, -0.2726,
-16.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	233D5E
RGB	35, 61, 94
RGB Percent	14%, 24%, 37%
CMY	0.8627, 0.7608, 0.6314
CMYK	0.63, 0.35, 0.00, 0.63
HSL	214°, 46%, 25%
HSV	214°, 63%, 37%
XYZ	4.3823, 4.5030, 11.2279
YIQ	56.9880, -26.0890, 4.7510

Conversions

Conversions Part 2

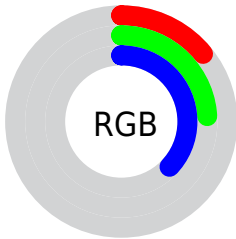
Format	Color
RYB	35, 53, 94
Decimal	2309470
CIELab	25.27, 1.41, -22.63
CIELCh	25, 22.677, 273.557
Yxy	4.5031, 0.2179, 0.2239
Android (android.graphics.Color)	4280499550 (0xFF233D5E)
YUV	56.9880, 18.2469, -19.2835
Hunter-Lab	21.2202, -0.2726, -16.5169

Details

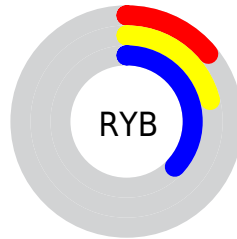
The HunterLab color $21.2202, -0.2726, -16.5169$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $25.7597, 3.3352, 12.2710$, and the grayscale version is $20.1700, -1.0762, 1.0959$.

A 20% lighter version of the original color is $38.3416, -0.8976, -17.8139$, and $8.2410, 2.1778, -15.0018$ is the 20% darker color. If you saturate the color by 10%, you get $19.5604, 0.7941, -20.0320$, and if you desaturate by 10%, it is $22.9768, -1.0561, -13.1864$.

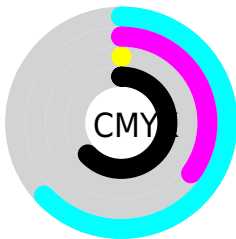
Distribution



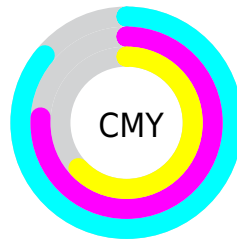
- Red (14%)
- Green (24%)
- Blue (37%)



- Red (14%)
- Yellow (21%)
- Blue (37%)



- Cyan (63%)
- Magenta (35%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2202, -0.2726, -16.5169 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 21.2202, -0.2726, -16.5169 by changing the saturation by 10% instead.

■ 21.2202, -0.2726,
-16.5169

■ 21.2202, -0.2726,
-16.5169

■ 120.3812, -4.9025,
-19.1710

■ 13.9957, 0.0038,
-16.0626

■ 38.3866, -1.0040,
-17.4951

■ 7.6378, 0.3946,
-16.6900

■ 48.1580, -1.4445,
-17.9160

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 58.6414, -1.9286,
-18.2752

0.0000, NaN, NaN

■ 69.7914, -2.4528,
-18.5717

0.0000, NaN, NaN

■ 81.5701, -3.0144,
-18.8069

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9458, -3.6111,

-18.9833

0.0000, NaN, NaN

106.8908, -4.2410,
-19.1037

21.2202, -0.2726,
-16.5169

21.2202, -0.2726,
-16.5169

19.5604, 0.7941,
-20.0320

22.9768, -1.0561,
-13.1864

18.0084, 2.1765,
-23.7303

24.8183, -1.5915,
-10.0335

16.5718, 3.8804,
-27.6084

26.7355, -1.9114,
-7.0436

15.5673, 5.1844,
-30.6493

28.7204, -2.0452,
-4.1998

30.7662, -2.0185,
-1.4850

■ 32.8670, -1.8529,
1.1168

■ 35.0179, -1.5667,
3.6206

■ 37.2147, -1.1755,
6.0395

■ 39.4537, -0.6921,
8.3851

Harmonies

Analogous

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



21.2206, -6.9233, -14.2370



21.2202, -0.2726, -16.5169



21.2206, 7.0263, -12.9152

Triad

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



21.2206, -0.2725, -16.5164



21.2206, 11.6026, 7.1945



21.2206, -12.1079, 6.1991

Complementary

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



21.2202, -0.2726, -16.5169



25.7597, 3.3352, 12.2710

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.



21.2206, -8.2205, 9.4278



21.2202, -0.2726, -16.5169



21.2206, 5.3526, 9.8543

Square

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



21.2206, -0.2725, -16.5164



21.2206, 14.4313, 1.9517



21.2206, -1.9808, 10.5103



21.2206, -13.2012, 0.3264

Rectangle

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



21.2202, -0.2726, -16.5169



21.2206, 11.1174, -8.1912



21.2206, -1.9808, 10.5103



21.2206, -11.1125, 7.5555

Sweetspot

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



21.2206, -0.2725, -16.5164



38.8548, -2.7167, -4.4002



29.6202, -17.3485, 7.1761



18.7682, -1.3280, -2.4946



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



21.2206, -0.2725, -16.5164



24.9267, 1.8320, -28.7132



15.5615, 11.9870, -30.5488



15.5767, -0.9705, -0.2179



18.0505, 6.6368, -36.8885



40.1563, 20.0028, -93.3721

Inverse Universe

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



19.7962, 19.9953, -0.6747



23.6255, 31.9534, 0.1350



32.1769, -8.4600, 16.7487



15.3714, 0.5995, 0.5428



18.7313, 33.2313, 3.1634



43.6349, 77.0401, 10.2585

Previews

White Background



This preview shows how the HunterLab color 21.2202, -0.2726, -16.5169 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 21.2202, -0.2726, -16.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

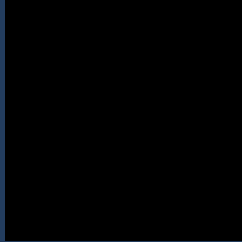
Any Text WCAG AA × Fail

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 21.2202, -0.2726, -16.5169 Background



This preview shows how black text looks on a background with the HunterLab color 21.2202, -0.2726, -16.5169.



This preview shows how white text looks on a background with the HunterLab color 21.2202, -0.2726, -16.5169.

-16.5169.

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

21.2202, -0.2726, -16.5169

Protanopia

21.2815, 2.3019, -15.0549

Deuteranopia

21.2398, 1.0745, -16.4540



Tritanopia

21.2921, -8.4315, -3.6272

Trichromacy



Original Color

21.2202, -0.2726, -16.5169

Protanomaly

21.2970, 1.1836, -15.6867

Deuteranomaly

21.1452, 0.7547, -16.6500

Tritanomaly

21.1289, -5.7456, -7.8382

Monochromacy



Original Color

21.2202, -0.2726, -16.5169

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.3009, -1.3655, -4.4373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2202, -0.2726, -16.5169 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(35, 61, 94)` looks like.

```
.text, #text, p{  
    color:rgb(35, 61, 94)  
}
```

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(35, 61, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 61, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2202, -0.2726, -16.5169 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(35, 61, 94) }
```


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

```
.border{ border-color:rgb(35, 61, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 61, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 61, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 61, 94);  
box-shadow:4px 4px 4px 4px rgb(35, 61, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2202, -0.2726, -16.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 61, 94) }
```

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

```
.background{ background-color: rgb(35, 61,  
94) }
```

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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